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07:59:49 2004
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Sequence 2, Appli
Sequence 2, Appli
Sequence 11, Appli
Sequence 12, Appli
Sequence 36, Appli
Sequence 36, Appli
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Sequence 36, Appli
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31, Appl
44, Appl
2, Appli
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44, Appl
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                                                    1, 2004, 21:08:23 ; Search time 38.9024 Seconds (without alignments) 156.917 Million cell updates/sec
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/cgn2_6/ptodata/2/ina/5B_COMB.seq:*
/cgn2_6/ptodata/2/ina/6A_COMB.seq:*
/cgn2_6/ptodata/2/ina/RDCOMB.seq:*
/cgn2_6/ptodata/2/ina/PCTUS_COMB.seq:*
/cgn2_6/ptodata/2/ina/PCTUS_COMB.seq:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-330-123A-2
US-08-482-115B-2
US-08-660-678A-2
US-08-531-743-11
US-08-481-743-12
US-08-472-802C-3
US-08-472-802C-3
US-08-630-019A-3
US-08-630-019A-3
US-08-630-019A-3
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US-08-630-019A-3
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US-08-938-545-13
US-09-149-532-13
US-09-149-532-13
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US-09-149-532-13
US-09-149-145A-1
US-09-145-145-1
US-09-145-145-1
US-09-145-11
US-08-630-019A-11
                                                                                                                                                                              Total number of hits satisfying chosen parameters:
                                                                                                                                                             682709 seqs, 277475446 residues
                                                                                                                                                                                                                                                                                                                                                                                   SUMMARIES
                                                                                                                                                                                                                            Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                    - nucleic search, using sw model
                                                                                                                               IDENTITY_NUC
Gapop 10.0 , Gapext 1.0
                                                                                                                                                                                                                                                                  Issued Patents NA:*
                                                                                                               1 gttagggttag 11
                                                                                            US-09-540-843-5
11
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Match Length
                                                                                                                                                                                                Minimum DB seq length: 0
Maximum DB seq length: 200
                                                       August
                                                                                                                                                                                                                                                                                                                                                                                                                              1.2848.0
                                                                                           Title:
Perfect score:
                                                                                                                                 Scoring table:
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100.0%; Score 11; DB 1; Length 11; 100.0%; Pred. No. 2.2e+02; ive 0; Mismatches 0; Indels

Query Match 100. Best Local Similarity 100. Matches 11; Conservative

Sequence

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TITLE OF INVENTION: Mammalian Telomerase NUMBER OF SEQUENCES: 30 CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (415) 576-0200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE: (415) 576-02C
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 2
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 100.
Best Local Similarity 100.
Matches 11; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             11 base pairs
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STATE: Texas
COUNTRY: Unit
ZIP: 77210
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                STRANDEDNESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US-08-531-743-11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-660-678A-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH:
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                                                                                                                                  Sequence 2, Application US/08482115B
Patent No. 5776679
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: Villeponteau, Bryant
APPLICANT: Funk, Walter
APPLICANT: Andrews, Walliam H.
TITLE OF INVENTION: Assays for the RNA Component of Human
TITLE OF INVENTION: Telomerase
NUMBER OF SEQUENCES: 40
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Emparations Center, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 11; DB 1; Length 11; Pred. No. 2.2e+02; 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                    ZIP: 9411-3834

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: APERICALION DATA:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/482,115B
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            015389-000830US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/272,102
FILING DATE: 07-JUL-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/330,123
FILING DATE: 27-CCT-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 3
US-08-660-678A-2/c
; Sequence 2, Application US/08660678A
; Patent No. 5837857
; GENERAL INFORMATION:
; APPLICANT: Villeponteau, Bryant
; APPLICANT: Feng, Junli
; APPLICANT: Feng, Junli
; APPLICANT: Feng, Junli
; APPLICANT: Andrews, William H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NAME: SCORELLA, John R.
REGISTRATION NUMBER: 32,944
REGISTRATION NUMBER: 01538
TELECOMMUNICATION INPORMATION:
TELEPAX: (415) 576-0200
INPORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 11 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   100.08;
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Best Local Similarity 100.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LENGTH: 11 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                            STREET: Two Embarcade CITY: San Francisco STATE: California COUNTRY: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 GTTAGGGTTAG 11
        1 GTTAGGGTTAG 11
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                                 11 GTTAGGGTTAG 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE: 07 CLASSIFICATION:
                                                                                                       RESULT 2
US-08-482-115B-2/c
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TOPOLOGY:
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APPLICANT: Windle, Bradford E.
APPLICANT: Qiu, Ming
APPLICANT: Qiu, Ming
APPLICANT: Chen, Sh1-fong
APPLICANT: Chen, Sh1-fong
APPLICANT: Fletcher, Terace M.
APPLICANT: Maine, Ira
TITLE OF INVENTION: Rapid and Sensitive Assays for Detecting and
TITLE OF INVENTION: Distinguishing Between Processive and
TITLE OF INVENTION: No. 5856096-Processive Telomerase Activities
NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee
STREET: P.O. Box 4433
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gaps
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                                                                                                                      STATE: CALIFORNIA
COUNTRY: USA
ZIP: 9411-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Datentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/660,678A
FILING DATE: 05-JUN-1996
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/330,123
FILING DATE: 27-OCT-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/272,102
FILING DATE: 07-JUL-1994
ATTORNEY/AGENT INFORMATION:
NAME: Storella, John R.
REGISTRATION NUMBER: 015389-000811US
TELECOMMUNICATION INFORMATION:
MAME: CALCAL NUMBER: 015389-000811US
TELECOMMUNICATION INFORMATION:
STREET: Two Embarcadero Center, Eighth Floor CITY: San Francisco STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               United States of America
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Patent No. 5856096
GENERAL INFORMATION:
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Gaps

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100.0%; Score 11; DB 2; Length 11; 100.0%; Pred. No. 2.2e+02; Live 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY:
ZIP: 02173
ZIP: 02173
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: IBM PC COMPATION
CURRENT APPLICATION DATA:
CURRENT APPLICATION NUMBER: US/08/485,778
FILING DATE: 07-JE-1995
FILING DATE: 07-JE-1995
FILING DATE: 07-JE-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: Lexington STATE: MA
STREET: Two Militia Drive CITY: Lexington STATE: MA
STATE: MA
STATE: MA
STATE: MA
STATE: MA
                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: Andrews, William H.
APPLICANT: Avilion, Ariel Athena
APPLICANT: Feng, Junii
APPLICANT: Feng, Junii
APPLICANT: Funk, Walter
APPLICANT: Greider, Carol
APPLICANT: Marhuenda, Martonia Blasco
APPLICANT: Willeponteau, Bryant
ITLE OF INVENTION: RNA COMPONENT OF TELOMERASE
NUMBER OF SEQUENCES: 45
COMRESSONDENCE ADDRESS:
ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TELLING DATE: US/US/485,//8

CLASSIFICATION 435

PRIOR APPLICATION 435

PRIOR APPLICATION DATE:
APPLICATION NUMBER: US 08/387,524

FILING DATE: 13-FEB-1995

PRIOR APPLICATION DATE:
APPLICATION NUMBER: US 08/72,102
FILING DATE: 07-UUL-1994

ATTORNEY/AGENT INFORMATION:
NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227

REFERENCE/DOCKET NUMBER:
TELECHOMINICATION INFORMATION:
TELECHOME: 617-861-6240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CSHL94-05A4
                                                                                                                                                                                                                                                                                                                         Sequence 36, Application US/08485778 Patent No. 5876979
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                                                                                Query Match
Best Local Similarity 100.
Matches 11, Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      11; Conservative
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EDNESS: double
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Best Local Similarity
Matches 11; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STRANDEDNESS:
                                                                                                                                                                                                                                                                               RESULT 6
US-08-485-778-36/c
                                                 US-08-531-743-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              US-08-485-778-36
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GENERAL INFORMATION:
APPLICANT: Windle, Bradford E.
APPLICANT: Chen, Shi-fong
APPLICANT: Fletcher, Terace M.
APPLICANT: Fletcher, Terace M.
APPLICANT: Maine, Ira
TITLE OF INVENTION: Rapid and Sensitive Assays for Detecting and
TITLE OF INVENTION: Distinguishing Between Processive and
TITLE OF INVENTION: No. 5856096-Processive Telomerase Activities
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 11; DB 2; Length 11;
Pred. No. 2.2e+02;
; Mismatches 0; Indels
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/531,743
FILING DATE: 20-SEP-1995
CLASSIPICATION: 435
ATCORNEY/AGENT INFORMATION:
NAME: Highlander, Steven L.
REGISTRATION NUMBER: 37,642
REFERENCE/DOCKET NUMBER: CTRC:026/HYL
TELEPHONE: (512) 418-3000
TELEPHONE: (512) 414-757
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTER/STICS:
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTER/STICS:
TELENGTH: 11 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
RILING DATE: 20-SEP-1995
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQUENCES: 17
CORRESPONDENCE ADDRESS:
ADDRESSEE: Arnold, White & Durkee
STREET: P.O. Box 4433
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STATE: Texas COUNTRY: United States of America ZIP: 77210
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 12, Application US/08531743
Patent No. 5856096
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE: 20-SEP-1995
CLASSIFICATION: 435
ATORNEYAGENT INFORMATION:
NAME: Highlander, Steven L.
REGISTRATION NUMBER: 37,642
REPERRNCK/DOCKET NUMBER: CTRC
TELECOMMUNICATION INFORMATION:
TELECHONE: (512) 418-3000
TELEFRAX: (512) 474-7577
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               100.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: (512) 474-7577
INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 100.
Best Local Similarity 100.
Matches 11; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     LENGTH: 11 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GTTAGGGTTAG 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  1 GTTAGGGTTAG 11
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Gaps

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GENERAL INFORMATION:
APPLICANT: Shay, Jerry W.
APPLICANT: Might, Woodring E.
APPLICANT: Piatyszek, Mieczyslaw A.
APPLICANT: Corey, David
APPLICANT: Corey, David
APPLICANT: No. 6015710.com, James C.
TITLE OF INVENTION: Modulation of Mammalian Telomerase by
TITLE OF INVENTION: Peptide Nucleic Acids
NUMBER OF SEQUENCES: 46
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 11;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           100.0%; Score 11; DB 3; Length 11
100.0%; Pred. No. 2.2e+02;
tive 0; Mismatches 0; Indels
ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C. STREET: Two Militia Drive CITY: Lexington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM FC Compatible
OPERATING SYSTEM: PC-DOS/WS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
                                                                                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPPRATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
#PPLICATION NUMBER: US/08/520,550A
FILING DATE: 29-AUG-1995
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Townsend and Townsend and Crew LLP
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            NAME: Granahan, Patricia
REGISTRATION NUMBER: 32,227
REFERENCE/DOCKET NUMBER: CSHL94-05A3B
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-861-6240
                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/387,524
FILING DATE: 13-FEB-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/330,123
FILING DATE: 27-OCT-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/272,102
FILING DATE: 07-UUL-1994
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Sequence 9, Application US/08630019A Patent No. 6015710
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TELEFAX: 617-861-9540
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 100.
Best Local Similarity 100.
Matches 11; Conservative
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CITY: San Francisco
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: ....
STRANDEDNESS: GOU
                                                                                                                        02173
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US-08-520-550A-36
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY:
                                                                                                COUNTRY:
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                                                                                                                             GENERAL INFORMATION:

APPLICANT: Villeponteau, Bryant
APPLICANT: Feng, Junii
APPLICANT: Andrews, William H.
TITLE OF INVENTION: Mammalian Telomerase
NUMBER OF SEQUENCES: 44
CORRESPONDENCE ADDRESS:
ADDRESSE: Townsend and Townsend and Crew LLP
STREET: ADDRESS: 44
CORRESPONDENCE ADDRESS:
COUNTRY: San Francisco
STREET: APLIA-3834
COUNTRY: LSA
COUNTRY: LSA
COMPUTER: DATE: DC-DOS/MS-DOS
SOFTWARR: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US 08/272,102
FILING DATE: O7-UUL-1994
PRIOR APPLICATION NUMBER: US 08/330,123
FILING DATE: TO-CT-1994
ATTORNEY/AGENT INFORMATION:
APPLICATION NUMBER: 30,23
REFERENCE/DOCKET NUMBER: 15389-000820
TELECOMMUNICATION NUMBER: 15389-000820
TELEFAM: (415) 576-0300
TELEFAM: (415) 576-0300
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
TENEROPHUS (415) 576-0300
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     APPLICANT: Marhuenda, Maria A. B.
APPLICANT: Villeponteau, Bryant
TITLE OF INVENTION: RNA Component of Telomerase
OVRRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 8
US-08-520-550A-36/c
; Sequence 36, Application US/08520550A
; Patent No. 6013468
; GENERAL INFORMATION:
; APPLICANT: Andrews, William H.
; APPLICANT: Avilion, Ariel A.
; Peng, Junli
                                                  US-08-472-802C-3/c; Sequence 3, Application US/08472802C; Patent No. 5958680; Patent No. 5958680;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Greider, Carol
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 100.
Matches 11; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Feng, Junli
Funk, Walter
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STRANDEDNESS:
TOPOLOGY: 111
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APPLICANT:
                               RESULT 7
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Gaps

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ATTORNEY/AGENT INFORMATION:
NAME: Storella, John R.
REGISTRATION NUMBER: 32,9
                                                                                            Ouery Match
Best Local Similarity 100..
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LENGTH: 11 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Conservative
       STRANDEDNESS: single
                                                                                                                                                                                                           1 GTTAGGGTTAG 11
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Best Local Similarity
Local 11; Conserve
                            ; TOPOLOGY: linear; MOLECULE TYPE: RNA US-08-630-019A-30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     USA
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TELEFAX: (4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-08-630-019A-39
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                                                                                                                                                                                                                                                                                                                                                                              MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "peptide nucleic acid (PNA),
DESCRIPTION: where (deoxy)ribose-phosphate linkages are replaced by
DESCRIPTION: where /deoxy/ribose-phosphate linked to nucleotide bases via
DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via
DESCRIPTION: glycine amino nitrogen through a methylenecarbonyl linker"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   .
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Wight, Woodring E. APPLICANT: Platyszek, Mieczyslaw A. APPLICANT: Platyszek, Mieczyslaw A. APPLICANT: Platyszek, Mieczyslaw A. APPLICANT: Corey, David APPLICANT: Corey, David APPLICANT: No. 6015710ton, James C. TITLE OF INVENTION: Modulation of Mammalian Telomerase by TITLE OF INVENTION: Peptide Nucleic Acids NUMBER OF SEQUENCES: 46 CORRESPONDENCE ADDRESS: 46 CORRESPONDENCE ADDRESS: ADDRESSEE: Townsend and Townsend and Crew LLP STREET: Two Embarcadero Center, Eighth Floor CITY: San Francisco STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 11;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            100.0%; Score 11; DB 3; Length 11
100.0%; Pred. No. 2.2e+02;
tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            MEDIUM ALEL: ...err
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATENTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/630,019A
FILING DATE: 09-JUN-1996
CLASSIFICATION: 536
                                                                                  ATTORNEY/AGENT INFORMATION:
NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
REEFERENCE/DOCKET NUMBER: 015389-001600US
TELECOMMUNICATION INFORMATION:
TELEFAK: (415) 576-0200
TELEFAK: (415) 576-0300
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ATTORNEY AGENT INFORMATION:
NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
REFERENCE/DOCKET NUMBER: 015389-001600US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
INFORMATION FOR SEQ ID NO: 30:
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/630,019A
FILING DATE: 09-JUN-1996
CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-08-630-019A-30/c

Sequence 30, Application US/08630019A

; Patent No. 6015710

; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEQUENCE CHARACTERISTICS:
LENGTH: 11 base pairs
TYPE: nucleic acid
                                                                                                                                                                                                                                                                                           LENGTH: 11 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            11; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 GTTAGGGTTAG 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 GTTAGGGTTAG 11
                                                                                                                                                                                                                                                                                                                                                                  linear
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  USA
                                                                                                                                                                                                                                                                                                                                                                  TOPOLOGY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-08-630-019A-9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Matches
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Sequence 39, Application US/08630019A

Patent No. 6015710

GENERAL INFORMATION:
APPLICANT: Wright, Woodring E.
APPLICANT: Wright, Woodring E.
APPLICANT: Patyszek, Mieczyslaw A.
APPLICANT: Corey, David
APPLICANT: No. 6015710ton, James C.
TITLE OF INVENTION: Modulation of Mammalian Telomerase by
TITLE OF INVENTION: Peptide Nucleic Acids
NUMBER OF SEQUENCES: 46
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "phosphorothioate (PS) nucleic acid"
  Length 11;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 11;
                                                 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SOFWHARE: Patentin release #1.0, Version #1.30 SOFWHARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/630,019A FILING DATE: 09-JUN-1996 CLASSIFICATION: 536
100.0%; Score 11; DB 3; 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: Townsend and Townsend and Crew LLP STREET: Two Embarcadero Center, Eighth Floor CITY: San Francisco STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      100.0%; Score 11; DB 3; 1
100.0%; Pred. No. 2.2e+02;
tive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         015389-001600US
                                                 0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ZIP: 94111-3834
COMPUTER READABLE FORM:
WEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC_DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Sequence 13, Application US/08838545 Patent No. 6046307
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  32,944
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  REFERENCE/DOCKET NUMBER: 01
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 39:
SEQUENCE CHARACTERISTICS:
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other nucleic acid (PNA),

desc = "peptide nucleic acid (PNA),
where (deoxy(ribose-phosphate linkages are replaced by
N-(2-aminoethy) alycine units linked to nucleotide bases via
glycine amino N through a methylenecarbonyl linker"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 44, Application US/08838545
Fatent No. 6046307
GENERAL INFORMATION
GENERAL INFORMATION
APPLICANT: Wright, Woodring E.
APPLICANT: Oriey, David M.
APPLICANT: Oriey, David M.
APPLICANT: Oriey, David M.
TITLE OF INVENTION: Modulation of Mammalian Telomerase by TITLE OF INVENTION: Peptide Nucleic Acids
NUMBER OF SEQUENCES: 60
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       100.0%; Score 11; DB 3; Length 11; 100.0%; Pred. No. 2.2e+02; tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                       SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUBER: US/08/838,545 FILING DATE: 09-APR-1997 CLASSIFICATION: 536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OPERATING SYSTEM: PC_DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
PILLING DATE: 09-APR-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Townsend and Townsend and Crew LLP
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                015389-001610US
                                                                                                                                                                                                                                                                                                                                                                                                                                PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/630,019
FILING DATE: 09-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: Storella, Ochn R.
REGISTARTION NUMBER: 12,944
REFERENCE/DOCKET NUMBER: 015389-00
                                                                                           ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
LENGTH: 11 Date pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              11; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 GTTAGGGTTAG 11
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COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy o
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                11 GTTAGGGTTAG 1
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California
                                   California
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DESCRIPTION:
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US-08-838-545-44
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US-08-838-545-31
                                                                   COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          STATE:
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APPLICANT: Wright, Woodring E.
APPLICANT: Platyszek, Mieczyslaw A.
APPLICANT: Corey, David James C.
APPLICANT: No. 6046307ton, James C.
TITLE OF INVENTION: Modulation of Mammalian Telomerase by
                        APPLICANT: Shay, Jerry W.
APPLICANT: Wright. Woodring E.
APPLICANT: Paright. Woodring E.
APPLICANT: Corey, David R.
APPLICANT: No. 6046307cn, James A.
TITLE OF INVENTION: Modulation of Mammalian Telomerase by
TITLE OF INVENTION: Peptide Nucleic Acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           100.0%; Score 11; DB 3; Length 11; 100.0%; Pred. No. 2.2e+02; Live 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                          NUMBER OF SEQUENCES: 60
CORRESPONDENCE ADDRESS:
ADDRESSED: Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
STRIET: San Francisco
STRIET: USA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP STREET: Two Embarcadero Center, Eighth Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     015389-001610US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PAPLICATION NUMBER: US/08/838,545
PILING DATE: 09-APR-1997
CLASSIPTCATION: 536
PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: US 08/630,019
FILING DATE: 09-APR-1996
ATTOMORY/AGENT INFORMATION:
NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
REGISTRATION NUMBER: 32,944
REJEPHONE: (415) 576-0200
TELEPHONE: (415) 576-0300
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 11 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  11; Conservative
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Best Local Similarity
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US-08-838-545-31/c
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US-08-838-545-13
SENERAL
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Sequence 2, Application US/08998443

Patent No. 6554575

GENERAL INFORMATION:
APPLICANT: Villeponteau, Bryant
APPLICANT: Funk, Walter
TITLE OF INVENTION: Mammalian Telomerase
NUMBER OF SEQUENCES: 30
CORRESPONDENCE ADDRESS:
ADDRESSER: Two Band and Townsend and Crew LLP
STREET: Two Bandscadero Center, Eighth Floor
CITY: San Francisco
COUNTRY: USA
ZIP. . . .
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/998,443
         PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/630,019
FILING DATE: 09-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
REFERENCE/DOCKET NUMBER: 015389-001610US
TELEPANCHONE: (415) 576-0200
TELEPAK: (415) 576-0300
INFORMATION FOR SEQ ID NO: 44:
SEQUENCE CHARACTERISTICS:
LENGTH: 11 base pairs
TYPE: nucleic acid
STRANBORS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATE:
APPLICATION NUMBER: US/08/660,678
FILING DATE: 27-007-1994
FILING DATE: 27-007-1994
FILING DATE: 05-UN-1994
FILING DATE: 07-UL-1994
APPLICATION NUMBER: US 08/272,102
FILING DATE: 07-UL-1994
ATORNEY AGENT INFORMATION:
NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
RELEPHOME: (415) 576-0300
                                                                                                                                                                                                                                                                                                                                                                TOPOLOGY: linear MOLEGULE TYPE: other mucleic acid DESCRIPTION: /desc = "phosphorothioate (PS) DESCRIPTION: nucleic acid"
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Best Local Similarity 100.
Matches 11; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1 GTTAGGGTTAG 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CLASSIFICATION:
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US-08-998-443-2/c
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; INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHRACATERISTICS:
LENGTH: 11 base pairs
TYPE: mucleic acid
TYPE: March
TOPOLOGY: linear
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(0108N) YUD18 860d SIUI

Sequence 1, Sequence 2, Sequence 1 Sequence 1

US-10-038-335-1 US-10-038-335-2 US-10-347-253-1 US-10-368-451-1 US-10-232-927A-20

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Sequence 20, Appl Sequence 4, Appli Sequence 5, Appli Sequence 26, Appli Sequence 1, Appli Sequence 2, Appli Sequence 2, Appli

Sequence 1, Appli Sequence 528, App

Sequence Sequence

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US-08-463-404-5 US-08-463-404-5 US-09-057-251-26 US-09-947-659-2 US-10-325-810-529 US-10-325-810-529 US-10-236-295 US-10-044-692-295 US-10-044-692-295 US-10-044-692-295 US-10-044-692-295 US-10-346-265-11 US-10-336-265-11 US-10-336-265-11 US-10-336-265-11 US-10-336-265-11

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Sequence Sequence

Sequence

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Sequence Sequence Seguence Sequence

Sequence

Sequence Sequence Sequence 3

Appli Appli Appli

Sequence Sequence Sequence

US-10-323-032-4 US-10-323-032-5 US-10-330-872-6

ALIGNMENTS

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Sequence 5, Appli
Sequence 5, Appli
Sequence 6, Appli
Sequence 9, Appli
Sequence 4, Appli
Sequence 14, Appli
Sequence 14, Appli
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Sequence 5, Appli
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Sequence 5, Appli
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Sequence 20, Appl
Sequence 4, Appli
Sequence 8, Appli
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                                                                                                                      August 1, 2004, 23:28:09; Search time 195.049 Seconds (without alignments) 276.518 Million cell updates/sec
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1. (1902_6/ptodata/2/pubpna/US07 PUBCCMB seq:*

1. (1902_6/ptodata/2/pubpna/US07 PUBCCMB seq:*

1. (1902_6/ptodata/2/pubpna/US06_PUBF PUB.seq:*

1. (1902_6/ptodata/2/pubpna/US06_PUBCCMB.seq:*

1. (1902_6/ptodata/2/pubpna/US08_PUBCCMB.seq:*

1. (1902_6/ptodata/2/pubpna/US08_PUBCCMB.seq:*

1. (1902_6/ptodata/2/pubpna/US08_PUBCCMB.seq:*

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1. (1902_6/ptodata/2/pubpna/US09_PUBCCMB.seq:*

1. (1902_6/ptodata/2/pubpna/US09_NEW_PUB.seq:*

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1. (1902_6/ptodata/2/pubpna/US09_NEW_PUB.seq:*

1. (1902_6/ptodata/2/pubpna/US10A_PUBCCMB.seq:*

1. (1902_6/ptodata/2/pubpna/US10A_PUBCCMB.seq:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-09-835-370-63

US-10-122-630-5

US-10-122-630-9

US-10-122-630-9

US-10-122-633-9

US-10-122-633-9

US-10-255-535-14

US-10-255-535-14

US-10-359-935-2

US-10-181-823-16

US-10-833-20

US-10-833-20

US-10-833-20

US-10-833-25-4

US-10-463-076-8
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                                                                                                                                                                                                                                                                                                                                                              3222919 seqs, 2451570024 residues
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Published Applications NA:*
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Maximum Match 100%
Listing first 45 summaries
                                                                               - nucleic search, using sw model
                                                                                                                                                                                                                                                                                                                      Gapop 10.0 , Gapext 1.0
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                                                                                                                                                                                                            US-09-540-843-5
                                                                                                                                                                                                                                                                                              IDENTITY NUC
                                                                                                                                                                                                                                                                                                                                                                                                                                         Minimum DB seq length: 0
Maximum DB seq length: 200
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                                                                                                                                                                                                                                                        Sequence:
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ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PATCHTIN Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/057,351 Townsend and Townsend and Crew LLP STREET: Two Embarcadero Center, Bighth Floor CITY: San Francisco STATE: California GENERAL INFORMATION:
APPLICANT: Villeponteau, Bryant
APPLICANT: Ferg, Until
APPLICANT: Ford, Walter
APPLICANT: Andrews, William H.
TITLE OF INVENTION: Mammalian Telomerase
NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS: PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/272,102
FILIND DATE: 07-0UL-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/330,123
FILING DATE: 27-0CT-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/472,802 FILING DATE: 08-APR-1994
CLASSIFICATION: 435
IOR ADDITOR: Sequence 2, Application US/09057351 Patent No. US20010034439A1 USA ADDRESSEE: RESULT 1 US-09-057-351-2/c COUNTRY:

FILING DATE: 07-JUN-1995 ATTORNEY/AGENT INFORMATION:

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FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide with potential inhibition activity
US-10-463-076-1
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                                                                                                                                                                                                                                                                                                                             Length 11;
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Sequence 5, Application US/10122630

Sequence 5, Application US/10122630

Sequence 5, Application No. US20030032610A1

SENERAL INPORMATION:
APPLICANT: Eller, Mark S.
APPLICANT: Eller, Mark S.
TITLE OF INVENTION: Method to Inhibit Cell Growth Using TITLE OF INVENTION: Oligonucleotides
FILE REFERENCE: 0054-1088-018
CURRENT APPLICATION NUMBER: US/10/122,630
CURRENT FILING DATE: 1995-06-06
PRIOR PILING DATE: 1995-06-06
PRIOR PILICATION NUMBER: US 09/048,927
PRIOR PILING DATE: 1996-03-3
PRIOR PILING DATE: 1996-03-3
PRIOR PILING DATE: 2000-03-31
PRIOR PILING DATE: 2000-03-31
PRIOR PILING DATE: 2001-03-30

PRIOR PILING DATE: 2001-03-30

PRIOR PILING DATE: 2001-03-30

PRIOR PILING DATE: 2001-03-30

PRIOR PILING DATE: 2001-03-30
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100.0%; Pred. No. 6.3e+03;
iive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                               100.0%; Score 11; DB 13; 100.0%; Pred. No. 6.3e+03;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 15
SOFTWARE: FastSEQ for Windows Version 4.0
  PRIOR APPLICATION NUMBER: US 60/153,201
PRIOR FILING DATE: 1999-109-10
PRIOR APPLICATION NUMBER: US 60/160,444
PRIOR FILING DATE: 1999-10-19
NUMBER OF SEQ ID NOS: 9
SOFTWARE: Patentin version 3.1
SEQ ID NO 1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; Sequence 9, Application US/10122630; Publication No. US20030032610A1; GENERAL INFORMATION:
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                                                                                                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ORGANISM: Artificial Sequence
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Best Local Similarity
Matches 11; Conserv
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US-10-122-630-9/c
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LENGTH: 11
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                                                                                                                                                                    LENGTH:
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APPLICANT: Pongrazz, Kristina
APPLICANT: Pongrazz, Kristina
APPLICANT: Matray, Tracey
TITLE OF INVENTION: Oligonucleotide N3'-->P5' Thiophosphoramidates: Their Synthesis
FILE REPERENCE: 039/004C
CURRENT APPLICATION NUMBER: US/10/463,076
CURRENT FILING DATE: 2003-06-17
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Publication No. US20030022172A1
GENERAL INFORMATION:
GENERAL INFORMATION:
BREIJOHN, GERHARD
APPLICANT: UHLMANN, EJGEN
APPLICANT: WILL, DAVID W
TITLE OF INVENTION: POLYAMIDE NUCLEIC ACID DERIVATIVES AND AGENTS AND
TITLE OF INVENTION: PROCESSES FOR PREPARING THEM
FILE REFERENCE: 02481.1742 SEQUENCE LISTING
CURRENT APPLICATION NUMBER: US/09/835,370
CURRENT FILING DATE: 2001-04-17
NUMBER OF SEQ ID NOS: 64
SOFTWARE: Patentin Ver: 2.1
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                                                                                                                                                                                                                                                                                                                                                        100.0%; Score 11; DB 9; Length 11; 100.0%; Pred. No. 6.3e+03;
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                                                     015389-000821US
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PRIOR APPLICATION NUMBER: US 09/657,445
PRIOR FILING DATE: 2000-09-08
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 1, Application US/10463076; Publication No. US20030212032A1; SENERAL INFORMATION: APPLICANT: Geron Corporation
HAME: Storella, John R.

REGISTRATION NUMBER: 32,944
REFERENCE/OCKET NUMBER: 01536
TELECOMMUNICATION INFORMATION:
TELEPRONE: (415) 576-0200
TELEPAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 2:
ENGTH: 11 base pairs
IENGTH: 11 base pairs
IENGTH: 11 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
MOLECTLE TYPE: RNA
US-09-057-351-2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA ORGANISM: Artificial Sequence
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Matches 11; Conserv
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Matches 11; Conserv
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US-10-463-076-1
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                                                                                                                                                                                                                                                                                                                                                          Query Match
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100.0%; Score 11; DB 15; Length 11; 100.0%; Pred. No. 6.3e+03;
                             GENERAL INFORMATION:
APPLICANT: Gilchrest, Barbara A.
APPLICANT: Eller, Mark S.
APPLICANT: Taller, Mark S.
TITLE OF INVENTION: Method to Inhibit Cell Growth Using
TITLE OF INVENTION: Oligomucleotides
TITLE OF INVENTION: Oligomucleotides
FILE REFERENCE: 0054.1088-019
CURRENT APPLICATION NUMBER: US/10/122,633
CURRENT APPLICATION NUMBER: US/9540,843
FRIOR APLICATION NUMBER: PCT/US01/10162
FRIOR FILING DATE: 2000-03-31
FRIOR FILING DATE: 2001-03-30
NUMBER OF SEQ ID NOS: 15
SEQ ID NOS: 15
SEQ ID NOS: 15
LENGTH: 11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: DNA ORGANISM: Artificial Sequence
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           Publication No. US20030032611A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Best Local Similarity 100.
Matches 11; Conservative
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; Sequence 5, Application US/10122633
; Publication No. US2030032611A1
; GENERAL INFORMATION:
; APPLICANT: Gilchreet, Barbara A.; APPLICANT: Gilchreet, Mark S.
; APPLICANT: Eller, Mark S.
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using TITLE OF INVENTION: Oligomucleotides
; FILE REFERENCE: 0054.1088-019
; CURRENT APPLICATION NUMBER: US/10/122,633
; CURRENT FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: US/05/40,843
; PRIOR PELING DATE: 2000-03-31
; PRIOR PELING DATE: 2000-03-31
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 11
TITLE OF INVENTION: Method to Inhibit Cell Growth Using
TITLE OF INVENTION: Oligonucleotides
FILE REFERENCE: O1896-018
CURRENT PELLING DATE: 2002-04-12
CURRENT FILING DATE: 108-018
PRIOR APPLICATION NUMBER: US 08/467,012
PRIOR APPLICATION NUMBER: PCT/US96/08386
PRIOR PILING DATE: 1995-06-06
PRIOR PAPLICATION NUMBER: CT/US96/08386
PRIOR PAPLICATION NUMBER: US 09/648,927
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 2000-03-31
PRIOR APPLICATION NUMBER: CT/US01/10162
PRIOR APPLICATION NUMBER: PCT/US01/10162
PRIOR APPLICATION NUMBER: PCT/US01/10162
PRIOR PILING DATE: 2000-03-31
PRIOR FILING DATE: 2001-03-30
NUMBER OF SEQ ID NOS: 15
SSOFTWARE: FASTSEQ for Windows Version 4.0
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100.0%; Score 11; DB 15;
Best Local Similarity 100.0%; Pred. No. 6.3e+03;
Matches 11; Conservative 0; Mismatches 0;
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US-10-122-630-9
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US-10-122-633-5
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US-10-122-633-9/c
; Sequence 9, Application US/10122633
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA ORGANISM: Artificial Sequence
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                                                                          APPLICANT: Geron Corporation
APPLICANT: Gryaznov, Sergei
APPLICANT: Pongracz, Kristina
APPLICANT: Tolman, Richard L.
APPLICANT: Tolman, Richard L.
APPLICANT: Morin, Gregg B.
TITLE OF INVENTION: Oligonucleotide Conjugates
TITLE OF INVENTION: Oligonucleotide Conjugates
FILE REFERENCE: 02020-02-5
CURRENT APPLICATION NUMBER: US/10/255,535
PRIOR APPLICATION NUMBER: PCT/US02/09138
PRIOR FILING DATE: 2002-03-21
PRIOR FILING DATE: 2002-03-21
PRIOR FILING DATE: 2001-03-23
NUMBER OF SEQ ID NOS: 19
SOFTWARES: Patentin Version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-255-535-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-10-255-535-14 ; Sequence 14, Application US/10255535
Sequence 4, Application US/1025535
Publication No. US20030138814A1
GENERAL INFORMATION:
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US-10-181-823-20
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ZIP: 94111-3834

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/359,935
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADDRESSEE: Townsend and Townsend and Crew LLP STREET: Two Embarcadero Center, Eighth Floor CITY: San Francisco
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                .
                                                    APPLICANT: GTAGALO. Sergei
APPLICANT: PONGTACZ, Krisztina
APPLICANT: Tolman, Richard L.
APPLICANT: Tolman, Richard L.
APPLICANT: Tolman, Richard L.
APPLICANT: Tolman, Richard L.
APPLICANT: Morin, Gorgg B.
TITLE OF INVENTION: Oligonuclectide Conjugates
FILE REFERENCE: 072/002P
CURRENT APPLICATION NUMBER: 2002-09-25
PRIOR APPLICATION NUMBER: PCT/US02/09138
PRIOR APPLICATION NUMBER: US 60/278,322
PRIOR APPLICATION NUMBER: US 60/278,322
PRIOR FILING DATE: 2001-03-23
NUMBER OF SEQ ID NOS: 19
SOFTWARE: PatentIn version 3.1
SEQ ID NO 14
LENGTH: 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FILING DATE: 07-Feb-2003
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/057,351
FILING DATE: 08-APR-1994
APPLICATION NUMBER: US 08/272,102
FILING DATE: 07-JUL-1994
APPLICATION NUMBER: US 08/330,123
FILING DATE: 27-CCT-1994
APPLICATION NUMBER: US 08/320,123
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Andrews, William H.
TITLE OF INVENTION: Mammalian Telomerase
NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
APPLICANT: Villeponteau, Bryant
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CTHER INFORMATION: oligonucleotide US-10-255-535-14
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                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Artificial Sequence
Publication No. US20030138814A1
GENERAL INFORMATION:
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Funk, Walter
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                                             APPLICANT: Geron Corporation
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Best Local Similarity 100...
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US-10-359-935-2/c
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Sequence 20, Application US/10181823

Publication No. US20040126752A1

General Information of US2004012675A1

GENERAL INFORMATION:
APPLICANT: Geron Corporation
APPLICANT: Geron Corporation
APPLICANT: Schultz, Renaid G
TITLE OF INVENTION: Synthesis and Use
TITLE OF INVENTION: Synthesis and Use
FILE REFERENCE: 049/002
CURRENT APPLICATION NUMBER: US/10/181,823
CURRENT FILING DATE: 2003-12-29
FRIOR APPLICATION NUMBER: PCT/US01/01918
PRIOR FILING DATE: 2010-01-19
PRIOR FILING DATE: 2010-01-19
FRIOR FILING DATE: 2010-01-19
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REFERENCE/DOCKET NUMBER: 015389-000821US
                                                                                                                                                                                                                                                                                               100.0%; Score 11; DB 15; 100.0%; Pred. No. 6.3e+03;
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100.0%; Pred. No. 6.3e+03;
tive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                         Mismatches
                                                                                                                                                                                        TOPOLOGY: linear MOLECULE TYPE: RNA SEQUENCE DESCRIPTION: SEQ ID NO: 2:
                    TELECOMMUNICATION INFORMATION
                                                         INFORMATION FOR SEQ ID NO: 2: SEQUENCE CHARACTER: LENGTH: 11 base pairs
                                                                                                                                                                                                                                                                                                                                         ;
                                                                                                                                                  TYPE: nucleic acid
STRANDEDNESS: single
                                          TELEPHONE: (415)
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Best Local Similarity 100.
Matches 11; Conservative
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Best Local Similarity 100.
Matches 11; Conservative
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US-10-181-823-16
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US-10-181-823-16
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Search completed: August 2, 2004, 02:14:42 Job time : 196.049 secs
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APPLICANT: Gryaznov, Sergei
APPLICANT: Gryaznov, Sergei
APPLICANT: Pongracz, Krisztina
APPLICANT: Pongracz, Krisztina
APPLICANT: Matray, Tracey
TITLE OF INVENTION: Oligonucleotide N3'-->P5' Thiophosphoramidates: Their Synthesis a
FILE REFERENCE: 939/04C
CURRENT APPLICATION NUMBER: US/10/463,076
CURRENT FILING DATE: 2003-06-17
PRIOR APPLICATION NUMBER: US 60/153,201
PRIOR FILING DATE: 1999-09-10
PRIOR FILING DATE: 1999-09-10
PRIOR FILING DATE: 1999-10-19
FRIOR FILING DATE: 1999-10-19
FRIOR FILING DATE: 1999-10-13
FRIOR APPLICATION NUMBER: US 60/160,444
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Styczynski, Peter
APPLICANT: Styczynski, Peter
APPLICANT: Alhuwalia, Gurpreet S.
TILLB OF INVENTION: REDUCTION OF HAIR GROWTH
FILE REFRENCE: 00216-552001
CURRENT APPLICATION NUMBER: US/09/893,252
CURRENT FILING DATE: 2001-10-12
NUMBER OF SEQ ID NOS: 4
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Pred. No. 6.3e
4; Mismatches
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Publication No. US20030012755A1
GENERAL INFORMATION:
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Publication No. US20030212032A1
GENERAL INFORMATION:
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63.68; P
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Best Local Similarity 63.6
Matches 7; Conservative
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                       TYPE: DNA
CRGANISM: Homo sapiens
US-10-181-823-20
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: RNA
ORGANISM: Homo sapiens
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Best Local Similarity
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Best Local Similarity
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LENGTH: 11
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APPLICANT: BCKET, David J.
APPLICANT: BCKET, David J.
APPLICANT: Bornett, C. Frank
APPLICANT: Bennett, C. Frank
APPLICANT: Bennett, C. Frank
APPLICANT: Brown-Driver, Vickie
APPLICANT: Hancak, Ronnie
APPLICANT: Wingth Ming-yi
APPLICANT: Vickers, Timothy
APPLICANT: Anderson, Kevin
TITLE OF INVENTION: Modulation Of Telomere Length By Oligonucleotides Having A G-Core
FILE REFERENCE: ISIS-4976
FILE REFERENCE: ISIS-4976
CURRENT PELING DATE: 199-04-23
PRIOR FILING DATE: 1995-06-12
PRIOR FILING DATE: 1995-06-12
PRIOR FILING DATE: 1995-09-29
PRIOR FILING DATE: 1992-09-29
PRIOR FILING DATE: 1992-09-29
NUMBER OF SEQ ID NOS: 10
SOFTWARRE: PATCHIN VERSION 3.1
SOFTWARRE: PATCHIN VERSION 3.1
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Indels
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63.6%; Pred. No. 6.3e+03;
tive 4; Mismatches 0;
Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA ORGANISM: No. US20030096776Alel sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; OTHER INFORMATION: Antisense sequence US-10-038-335-1
                                                                                                                                                                                   Sequence 1, Application US/10038335 Publication No. US20030096776A1 GENERAL INFORMATION:
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Best Local Similarity 63.6
Matches 7; Conservative
11; Conservative
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5.1.6 Compugen Ltd.	
GenCore version 5.1.6 Jopyright (c) 1993 - 2004 Compugen Ltd.	using sw model
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August 1, 2004, 23:28:09 ; Search time 88.6585 Seconds (without alignments) 276.518 Million cell updates/sec US-09-540-843-4 Perfect score: Sequence: Run on:

Gapop 10.0 , Gapext 1.0 IDENTITY NUC 1 gtatg 5 Scoring table:

Total number of hits satisfying chosen parameters: 3222919 seqs, 2451570024 residues Searched:

Minimum DB seq length: 0 Maximum DB seq length: 200

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Published_Applications_NA:* Database :

| Cgn2_6/ptodata/2/pubpna/US07_PUBCOMB.seq:*
| Cgn2_6/ptodata/2/pubpna/US07_NEW_PUB.seq:*
| Cgn2_6/ptodata/2/pubpna/US06_NEW_PUB.seq:*
| Cgn2_6/ptodata/2/pubpna/US06_PUBCOMB.seq:*
| Cgn2_6/ptodata/2/pubpna/US07_NEW_PUB.seq:*
| Cgn2_6/ptodata/2/pubpna/US07_NEW_PUB.seq:*
| Cgn2_6/ptodata/2/pubpna/US08_NEW_PUB.seq:*
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| Cgn2_6/ptodata/2/pubpna/US09_NEW_PUB.seq:*
| Cgn2_6/ptodata/2/pubpna/US09_PUBCOMB.seq:*
| Cgn2_6/ptodata/2/pubpna/US10_PUBCOMB.seq:*
| Cgn2_6/ptodata/2/pubpna/US10_PUBCOMB.seq:*
| Cgn2_6/ptodata/2/pubpna/US10_NEW_PUB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

	Description		Sequence 4. Appli	Sequence 6, Appli	Sequence 4, Appli		178	Sequence 178043,	Sequence 3, Appli	Sequence 7, Appli	Sequence 3, Appli	Seguence 7, Appli	Sequence 178029,	Sequence 178043,	Sequence 11, Appl	Sequence 17, Appl
	qi		US-10-122-630-4	US-10-122-630-6	US-10-122-633-4	US-10-122-633-6	US-10-027-632-178029	US-10-027-632-178043	US-10-122-630-3	US-10-122-630-7	US-10-122-633-3	US-10-122-633-7	US-10-027-632-178029	US-10-027-632-178043	US-09-142-593-11	US-09-927-886-17
			15	15	15	15	13	13	15	15	15	12	9 T	16	6	6
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ф	Query Match	1 1 1 1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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Gaps .; 0

Query Match 100.0%; Score 5; DB 15; Length 5; Best Local Similarity 100.0%; Pred. No. 9.4e+08; Matches 5; Conservative 0; Mismatches 0; Indels

Sequence 6, Appli Sequence 1138, Ap Sequence 11, Appl Sequence 224, Appl	11, 1 5, AJ 17, 1	quence 62 quence 22 quence 22	Sequence 623, App Sequence 2220, Ap Sequence 2256, Ap Sequence 623. App	equence 2250, equence 2256, equence 1, Appendence 1, Appen	e 32 e 13 e 3,	16, # 31, # 622, 636,	13 13 13 13
US-09-861-014-6 US-10-314-578-1138 US-10-263-159-11 US-10-128-560-224	US-10-191-698-11 US-10-332-914-5 US-10-608-516-17	09-989-789-623 09-989-789-222 09-989-789-225	US-09-990-186-623 US-09-990-186-2220 US-09-990-186-2256 US-09-989-994-623	-09-989-994-22 -09-989-994-22 -10-122-630-1 -10-122-633-1	S-10-096-596- S-10-378-558A S-10-427-629- -08-935-377-1	US-09-822-250-16 US-09-398-399-31 US-09-989-789-622 US-09-989-789-636	US-09-989-789-1338 US-09-989-789-1341 US-09-989-789-1342 US-09-989-789-1343 US-09-899-381-31
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ALIGNMENTS

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Sequence 4, Application US/10122630

Publication No. US20030032610A1

GENERAL INFORMATION:
APPLICANT: Glichrest, Barbara A.
APPLICANT: Glichrest, Barbara A.
APPLICANT: Glichrest, Barbara A.
TITLE OF INVENTION: Method to Inhibit Cell Growth Using
TITLE OF INVENTION: Method to Inhibit Cell Growth Using
TITLE OF INVENTION: Method to Inhibit Cell Growth Using
TITLE OF INVENTION: Method to Inhibit Cell Growth Using
TITLE OF INVENTION: Method to Inhibit Cell Growth Using
TITLE OF INVENTION: MOUBER: US/10/122,630
CURRENT APPLICATION NUMBER: US/04-67,012
PRIOR APPLICATION NUMBER: PCT/US96/08386
PRIOR FILING DATE: 1995-06-03
PRIOR FILING DATE: 1998-06-03
PRIOR FILING DATE: 1998-06-03
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 2000-03-31
PRIOR FILING DATE: 2000-03-31
PRIOR FILING DATE: 2001-03-30
NUMBER OF SEQ ID NOS: 15
SOUTHARE FEBELSCH FOR Mindows Version 4.0
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                                                           Best_Local Similarity
Matches 5; Conserv
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US-10-122-633-6/c
                                   Query Match
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| Publication No US20030032611A1
| GENERAL INFORMATION:
| APPLICANT: Glichrest, Barbara A.
| APPLICANT: Glichrest, Barbara A.
| APPLICANT: Glichrest, Barbara A.
| APPLICANT: Slich Mark S.
| APPLICANT: Yaar, Mana TITLE OF INVENTION: Method to Inhibit Cell Growth Using TITLE OF INVENTION: Method to Inhibit Cell Growth Using FILE REFERENCE: 0054.1088-019
| TITLE OF INVENTION: Method to Inhibit Cell Growth Using TITLE OF INVENTION: Method to INDICATION NUMBER: US 09/540,843
| FILE REFERENCE: 0054.1088-019
| PRIOR FILING DATE: 2000-03-31
| PRIOR FILING DATE: 2000-03-31
| PRIOR FILING DATE: 2001-03-30
| NUMBER OF SEQ LD NOS: 15
| SOUTHWARE FEASTSEQ for Windows Version 4.0
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GENERAL LINCKMANILON

APPLICANT: Gilchrest, Barbara A.

APPLICANT: Gilchrest, Bark S.

APPLICANT: Eller, Mark S.

APPLICANT: Eller, Mark S.

TITLE OF INVENTION: Method to Inhibit Cell Growth Using

TITLE OF INVENTION: Oligomucleotides

FILLE REFERENCE: 0054-1088-018

FURRENT APPLICATION NUMBER: US 08/467,012

PRIOR PILING DATE: 1995-06-06

PRIOR APPLICATION NUMBER: PCT/US96/08366

PRIOR APPLICATION NUMBER: US 09/540,843

PRIOR PILING DATE: 1996-06-03

PRIOR PILING DATE: 1998-03-26

PRIOR PILING DATE: 1998-03-26

PRIOR PILING DATE: 2000-03-31

PRIOR PILING DATE: 2000-03-31

PRIOR PILING DATE: 2001-03-30

PRIOR SEDIICATION NUMBER: PCT/US01/10162

PRIOR APPLICATION NUMBER: PCT/US01/10162

PRIOR SEDIICATION NUMBER: PCT/US01/10162

PRIOR PILING DATE: 2001-03-30

PRIOR SEDIICATION NUMBER: PCT/US01/10162

PRIOR SEDIICATION NUMBER: PCT/US01/10162

PRIOR PILING DATE: 2001-03-30

PRIOR PILING DATE: 2001-03-31

PRIOR PILING DATE: 2001-03-30

PRIOR PILING DATE: 2001-03-30

PRIOR PILING DATE: PURPLE 
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ) OTHER INFORMATION: Synthetic DNA Fragment US-10-122-630-6
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US-10-122-630-6/c
Sequence 6, Application US/10122630
Publication No. US20030032610A1
GENERAL INFORMATION:
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Best Local Similarity 100.0
Matches 5; Conservative
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GTATG 5
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GTATG 5
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US-10-122-633-4
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100.0%; Score 5; DB 15; Length 7; 100.0%; Pred. No. 6.7e+08;
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                                                                                                                                                                                                                   NUMBER OF SEQ ID NOS: 15
SOFTWARE: FastSEQ for Windows Version 4.0
TENGTH. 7
PRIOR FILING DATE: 1996-06-03
PRIOR APPLICATION NUMBER: US 09/048,927
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: US 09/540,843
PRIOR FILING DATE: 2000-03-31
PRIOR PLING DATE: 2000-03-31
PRIOR PLING DATE: 2001-03-07
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                                                                                                                                                                                                                                                                                                                                                 TYPE: DNA ORGANISM: Artificial Sequence
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US-10-122-633-3
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US-10-122-630-7
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Publication No. US20020198371A1
GENERAL INFORMATION:
APPLICANT: Wang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REFERENCE: 108827.129
CURRENT FILING DATE: 2002-04-30
CURRENT FILING DATE: 2000-07-12
FRIOR FILING DATE: 2000-07-12
FRIOR FILING DATE: 2000-07-12
FRIOR FILING DATE: 2000-07-12
FRIOR FILING DATE: 2000-03-29
FRIOR FILING DATE: 1999-11-23
FRIOR FILING DATE: 1999-11-23
FRIOR FILING DATE: 1999-11-23
FRIOR FILING DATE: 1999-11-23
FRIOR FILING DATE: 1999-09-28
FRIOR FILING DATE: 1999-09-28
FRIOR FILING DATE: 1999-08-08
FRIOR FILING DATE: 1999-08-08-08
FRIOR FILING DATE: 1999-08-08
FRIOR FILING DATE: 1999-08-08-08
FRIOR FILING DATE: 1999-08-08-08
FRIOR FILING DATE: 1998-08-08-08
FRIOR FILING DATE: 19
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APPLICANT: Gilchrest, Barbara A.
APPLICANT: Gilchrest, Barbara A.
APPLICANT: Gilchrest, Mark S.
APPLICANT: Beller, Mark S.
TILLE OF INVENTION: Method to Inhibit Cell Growth Using; TILLE OF INVENTION: Method to Inhibit Cell Growth Using; TILLE OF INVENTION: Oligonucleotides; FILE REFERENCE: 0054.1088-018; CURRENT APPLICATION NUMBER: US/10/122,630; CURRENT APPLICATION NUMBER: US 08/467,012; PRIOR FILING DATE: 1995-06-06; PRIOR APPLICATION NUMBER: PCT/US96/08386
                                                                                                                                                                                     Length 7;
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100.0%; Pred. No. 6.7e+08;
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Best Local Similarity 100.
Matches 5; Conservative
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Best Local Similarity 100.
Matches 5; Conservative
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; ORGANISM: Human
US-10-027-632-178043
                                                                                                                        US-10-027-632-178029
                                                       TYPE: DNA
ORGANISM: Human
SEQ ID NO 178029
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APPLICANT: Gilchrest, Barbara A.

APPLICANT: Gilchrest, Mark S.

APPLICANT: Eller, Mark S.

APPLICANT: Eller, Mark S.

APPLICANT: Yaar, Mina

TITLE OF INVENTION: Method to Inhibit Cell Growth Using

TITLE OF INVENTION: Oligonucleotides

TITLE REFERENCE: 0054-1088-018

FILE REFERENCE: 0054-1088-018

CURRENT APPLICATION NUMBER: US 08/467,012

PRIOR FILING DATE: 1995-06-06

PRIOR APPLICATION NUMBER: US 09/048,927

PRIOR APPLICATION NUMBER: US 09/048,927

PRIOR PILING DATE: 1996-03-26

PRIOR FILING DATE: 1996-03-26

PRIOR FILING DATE: 2001-03-31

PRIOR FILING DATE: 2001-03-31

PRIOR FILING DATE: 2001-03-31

PRIOR PELING DATE: 2001-03-31

PRIOR PELING DATE: 2001-03-31

PRIOR SEQ ID NOS: 15

SOFTWARE: FASCEC for Windows Version 4.0

SEQ ID NO 7
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US-LILUAGINEST 18043, C
Sequence 178043, Application US/10027632
Publication No. US20030204075A9
Publication No. US20030204075A9
GENERAL INFORMATION:
FAPPLICANT: Wang, David G.
TITLE OF INVENTION: Technorphisms in the Human Genome
TITLE OF INVENTION: Polymorphisms in the Human Genome
TITLE OF INVENTION: Polymorphisms in the Human Genome
TITLE OF INVENTION: Polymorphisms in the Human Genome
CURRENT APPLICATION NUMBER: US 60/218,006
PRIOR FILING DATE: 2002-04-30
PRIOR FILING DATE: 2000-07-12
PRIOR FILING DATE: 2000-04-20
PRIOR PRIOR DATE: 2000-04-20
PRIOR FILING DATE: 2000-03-24
PRIOR FILING DATE: 1999-11-23
PRIOR FILING DATE: 1999-11-23
PRIOR FILING DATE: 1999-11-23
PRIOR FILING DATE: 1999-11-23
PRIOR FILING DATE: 1999-09-28
PRIOR FILING DATE: 1999-08-09
PRIOR PRIOR DATE: 1999-08-09
PRIOR FILING DATE: 1999-08-09
PRIOR FILING DATE: 1999-08-09
PRIOR PRIOR DATE: 1999-08-09
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
TITLE OF INVENTION: Polymorphisms in the Human Genome
FILE REPERBURE: 108827.129
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
FRIOR PELING DATE: 2000-07-12
FRIOR PELING DATE: 2000-07-12
FRIOR PELING DATE: 2000-07-12
FRIOR APPLICATION NUMBER: US 60/198,676
FRIOR PILING DATE: 2000-03-29
FRIOR PILING DATE: 2000-03-29
FRIOR APPLICATION NUMBER: US 60/185,218
FRIOR APPLICATION NUMBER: US 60/185,218
FRIOR APPLICATION NUMBER: US 60/185,338
FRIOR PILING DATE: 1999-11-23
FRIOR PILING DATE: 1999-11-23
FRIOR FILING DATE: 1999-09-28
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 178029
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Best Local Similarity 100.
Matches 5; Conservative
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; Bublication No. US20030032611A1
; GENERAL INFORMATION:
   APPLICANT: Gilchrest, Barbara A.
   APPLICANT: Bler, Mark S.
   APPLICANT: Bler, Mark S.
   TITLE OF INVENTION: Method to Inhibit Cell Growth Using
   TITLE OF INVENTION: Oligomucleotides
   FILE REFERENCE: 0054.1088-019
   TURENT APPLICATION NUMBER: US/10/122,633
   CURRENT PLILING DATE: 2000-04-12
   PRIOR PLILING DATE: 2000-03-31
   PRIOR FILING DATE: 2000-03-31
   PRIOR PLILIOR DATE: 2001-03-30
   NUMBER OF SEQ ID NOS: 15
   SOFTWARE: FASTERQ for Windows Version 4.0
   SEQ ID NO 7
   LENGTH: 7
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100.0%; Pred. No. 6.7e+08;
Live 0; Mismatches 0; Indels
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                                           APPLICANT: Eller, Mark S.
APPLICANT: Year, Mina
TITLE OF INVENTION: Oligonuclectides
TITLE OF INVENTION: Oligonuclectides
TITLE OF INVENTION: Oligonuclectides
TITLE REPERENCE: 0054.1088-019
CURRENT APPLICATION NUMBER: US/10/122,633
CURRENT FILING DATE: 2002-04-12
PRIOR PILING DATE: 2000-03-31
PRIOR PLILING DATE: 2000-03-31
PRIOR FILING DATE: 2000-03-31
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                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQ ID NOS: 15
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 3
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; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
                APPLICANT: Gilchrest, Barbara A. APPLICANT: Eller, Mark S. APPLICANT: Yaar, Mina
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US-10-027-632-178029/c
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US-10-122-633-7
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US-09-861-014-6/c
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Patent No. US20020016975A1
GENERAL INFORMATION:
APPLICANT: HACKET ET AL.
TITLE OF INVENTION: DNA-BASED TRANSPOSON SYSTEM FOR THE
TITLE OF INVENTION: INTRODUCTION OF NUCLEIC ACID INTO DNA OF A CELL
NUMBER OF SEQUENCES:
ADDRESSE: MUETING, RAASCH & GEBHARDT, P.A.
STREET: 119 NORTH FOURTH STREET, SUITE 203
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
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MEDIUM TYPE: Floppy disk
COMPUTER: IBM FO Compatible
OPERATUR SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
RAPPLICATION NUMBER: US/09/142,593
FILING DATE: 10-SEP-1998
CLASSIFICATION:
                                                                                                                                                                                                                                                                        ADDRESSEE: MUETING, RAASCH & GEBHARDT, P.A. STREET: 119 NORTH FOURTH STREET, SUITE 203 CITY: MINNEAPOLIS STATE: MINNESOTA COUNTRY: USA
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APPLICATION NUMBER: 60/040,664
FILING DATE: 11-MAR-1997
FRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/053,868
FILING DATE: 28-JUL-1997
FRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/065,303
FILING DATE: 13-NOV-1997
FRIOR APPLICATION NUMBER: 60/065,303
FILING DATE: 11-MAR-1998
ATTORNEY/AGENT INFORMATION:
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Patent No. US20020103152A1
GENERAL INFORMATION:
APPLICANT: Kay, Mark A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: SANDBERG, VICTORIA A. REGISTRATION NUMBER: 41,287 REFERENCE/DOCKET NUMBER: 11 TELECOMMUNICATION INFORMATION: 612-305-1226
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SEQUENCE CHARACTERISTICS:
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Best Local Similarity 100.
Matches 5; Conservative
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US-09-927-886-17/c
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APPLICANT: Steer Clifford
APPLICANT: Steer Steers, Cheryle
APPLICANT: Inchar-Stieers, Cheryle
APPLICANT: Inchar-Stieers, Cheryle
APPLICANT: McIvor, R.
APPLICANT: Hackett, Perry
ITILE OF INVENTION: Composition for Delivery of Compounds to Cells
FILE REFERENCE: 110.013301011
CURRENT APPLICATION NUMBER: US/09/861,014
CURRENT APPLICATION NUMBER: US/09/861,014
FRIOR APPLICATION NUMBER: US 60/206,002
FRIOR FILING DATE: 2000-05-19
FRIOR APPLICATION NUMBER: US 60/206,002
FRIOR FILING DATE: 2001-04-20
NUMBER OF SEQ ID NOS: 10
SOFTWARE PatentIn version 3.0
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## APPLICANT: Yant, Stephen
| TITLE OF INVENTION: Methods of In Vivo Gene Transfer Using a TITLE OF INVENTION: Steeping Beauty Transposon System
| TITLE OF INVENTION: Steeping Beauty Transposon System
| FILE REFERENCE: STAN-16CCIP
| CURRENT APPLICATION NUMBER: US/09/927,886
| PRIOR APPLICATION NUMBER: 60/162,279
| PRIOR APPLICATION NUMBER: 60/162,279
| PRIOR APPLICATION NUMBER: 09/440,301
| PRIOR FILING DATE: 1999-11-17
| NUMBER OF SEQ ID NOS: 19
| SEQ ID NO 17
| LENGTH: 8
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Patent No. US20020115216A1
GENERAL INFORMATION:
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8, Appli
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11, Appl
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Sequence 4, Appli
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Sequence 10, Appl
Sequence 12, Appl
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                                                                        August 1, 2004, 21:08:23; Search time 17:6829 Seconds (without alignments) 156.917 Million cell updates/sec
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Sequence 1
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Sequence
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                                                                                                                                                                                                                                                                                                                                                                                   1: /cgn2_6/ptodata/2/ina/5A COMB.seq:*
2: /cgn2_6/ptodata/2/ina/5B_COMB.seq:*
3: /cgn2_6/ptodata/2/ina/6A_COMB.seq:*
5: /cgn2_6/ptodata/2/ina/6B_COMB.seq:*
6: /cgn2_6/ptodata/2/ina/PCTUS_COMB.seq:*
6: /cgn2_6/ptodata/2/ina/PCTUS_COMB.seq:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-08-855-372B-20

US-09-048-897-4

US-09-498-891-20

US-08-615-170-10

US-08-615-170-12

US-09-048-921-3

US-09-048-921-3

US-09-927-886-17

US-08-927-886-17

US-08-927-886-17

US-08-927-886-17

US-08-927-886-17

US-08-98-176-1

US-09-927-886-17

US-09-927-886-17

US-09-927-886-17

US-09-98-937-89-68

US-09-048-927-1

US-09-989-789-623

US-09-989-789-623

US-09-989-789-2256

US-09-989-789-2256

US-09-263-799-189-2256

US-09-263-799-189-2256
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US-08-351-748-25
US-08-202-927-25
US-08-430-536A-23
US-08-430-536A-25
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US-08-250-951-1
US-08-232-233-1
                                                                                                                                                                                                                                                 Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                           682709 seqs, 277475446 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SUMMARIES
                                                                                                                                                                                                                                                                                                                    Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                               - nucleic search, using sw model
                                                                                                                                                                                               Gapop 10.0 , Gapext 1.0
                                                                                                                                                                                                                                                                                                                                                                        Issued Patents NA:*
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query
Match Length DB
                                                                                                                                US-09-540-843-4
                                                                                                                                                                                  IDENTITY NUC
                                                                                                                                                                                                                                                                            Minimum DB seq length: 0
Maximum DB seq length: 200
                                                                                                                                                           1 gtatg 5
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                                                                                                                             Title:
Perfect score:
                                                                                                                                                                                  Scoring table:
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                                                  OM nucleic
                                                                                                                                                           Sequence:
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                                                                            Run on:
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Sequence 45, Appl Sequence 1, Appli	23,	Sequence 25, Appl	Sequence 174, App	Sequence 174, App	Sequence 45, Appl	Sequence 24, Appl	Sequence 33, Appl	Sequence 1, Appli	Sequence 30, Appl	Sequence 31, Appl	Sequence 174, App	Sequence 1, Appli	Sequence 174, App	Sequence 23, Appl	Sequence 34, Appl	Sequence 7, Appli
US-08-171-718-45 US-08-703-601-1	US-08-684-547-23	US-08-684-547-25	US-08-469-318-174	US-08-468-609A-174	US-08-478-087-45	US-09-063-450-24	US-09-063-450-33	US-09-123-638-1	US-08-646-695-30	US-08-875-533-31	US-08-446-872A-174	US-09-724-753-1	US-08-762-227A-174	US-09-475-947A-23	US-09-427-834A-34	US-09-445-388A-7
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10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
5 100.0	5 100.0	5 100.0	5 100.0	5 100.0	5 100.0	5 100.0	5 100.0	5 100.0	5 100.0	5 100.0	5 100.0	5 100.0	5 100.0	5 100.0	5 100.0	5 100.0
28 29	30	31	32	33	34	35	36	c 37	38	39	40	c 41	42	43	44	2 45

ALIGNMENTS

RESULT 1	
US-08-855-372B-20	
; Sequence 20, Application US/08855372B ; Patent No. 6090549	
; GENERAL INFORMATION:	
; APPLICANT: PARIDOV, SETGEL V : APPLICANT: RAYERV VICTOR R	
٠.	
Use of Continuous/Contiguous Stacking Hybridization as	n as a Diagno
NUMBER OF SEQUENCES: 88	
ADDRESSEE: CHERSKOV & FLAYNIK	
; CITY: Chicago	
; STATE: Illinois	
; COUNTRY: United States	
; ZIP: 60606	
; COMPUTER READABLE FORM:	
-	
; OPERATING SYSTEM: Microsoft Windows 98	
; SOFIWARE: Wordperfect	
; CURRENT APPLICATION DATA:	
; APPLICATION NUMBER: US/08/855,372B	
; FILING DATE: 13-MAY-97	
; APPLICATION NUMBER: U.S. 08/587,332	
FILING DATE: 16-14N-96	
Alloward Adent Information:	
NAME: CIRLBROW, MICHAEL U. DEGICEDANTON MICHAEL 0.	
S TEGETS TEATLINE NOWINEED: 35,004	
_	
: TELEPHONE: (312) 621-1330	
; TELEFAX: (312) 621-0088	
; INFORMATION FOR SEQ ID NO: 20:	
; SEQUENCE CHARACTERISTICS:	
i LENGIH; S bases	

0;

Gaps

0;

Query Match
100.0%; Score 5; DB 3; Length 5;
Best Local Similarity 100.0%; Pred. No. 1e+08;
Matches 5; Conservative 0; Mismatches 0; Indels

TYPE: nucleic acid STRANDEDNESS: No. 6090549 Applicable

MOLECULE TYPE: Genomic DNA linear yes

TOPOLOGY:

000

; HYPOTHETICAL: US-08-855-372B-20

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FILING DATE: 16-JAN-96
ATTORNEY/AGENT INFORMATION:
NAME: Cherskov, Michael
                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 GTATG 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 GTATG 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FILING DATE:
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                                                                                                                                                                                                                                                                                                                                     US-09-498-851-20
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APPLICANT: Parinov, Sergei V
APPLICANT: Barsky, Victor E
APPLICANT: Kirillov, Eugene V
APPLICANT: Kirillov, Svetlana A
APPLICANT: Dubiley, Svetlana A
APPLICANT: Dubiley, Svetlana A
APPLICANT: Dubiley, Svetlana A
APPLICANT: Dubiley, Station Good Continuous/Contiguous
TITLE OF INVENTION: Stacking Hybridization as a Diagnostic Tool.
NUMBER OF SEQUENCES: 88
CORRESPONDENCE ADDRESS:
ADDRESSE: CHERSKOV & FLAYNIK
STREET: 20 N. Wacker Drive
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ;
                                                                                                                                                                                                GENERAL INFORMATION:
APPLICANT: Gilchrest, Barbara A.
APPLICANT: Gilchrest, Barbara A.
APPLICANT: Yaar, Mina
TITLE OF INVENTION: Use of Locally Applied DNA Fragments
FILE REFERENCE: BU94-66A2
CURRENT APPLICATION NUMBER: US/09/048,927
CURRENT APPLICATION NUMBER: US/09/048,927
EARLIER APPLICATION NUMBER: US/09/048,927
BARLIER FILING DATE: 1996-06-03
BARLIER FILING DATE: 1996-06-03
BARLIER FILING DATE: 1996-06-06
NUMBER OF SEQ ID NOS: 4
SOFTWARE: FastSEQ for Windows Version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 100.0%; Score 5; DB 3; Length 5; 100.0%; Pred. No. 1e+08; ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COUNTRY.

COMPUTER READBLE FORM:
MEDIUM TYPE: 3.50 inch, 1.4 MB storage

TANNER: PC

MICROSOFT Windows 98
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICATION NUMBER: 08/855,372
FILING DATE: 13-MAY-97
APPLICATION NUMBER: U.S. 08/587,332
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICATION NUMBER: US/09/498,851 FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 20, Application US/09498851
Patent No. 6440671
GENERAL INFORMATION:
                                                                                                                                          US-09-048-927-4
; Sequence 4, Application US/09048927
; Patent No. 6147056
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; OTHER INFORMATION: DNA Fragment US-09-048-927-4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: Chicago
STATE: Illinois
COUNTRY: United States
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 100.
Best Local Similarity 100.
Matches 5; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: Wordperfect
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PRIOR APPLICATION DATA:
                                             GTATG 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1 GTATG 5
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                     GTATG 5
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US-09-498-851-20
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MATCHNEY ACREAT INFORMATION:
NATIONEY ACKNOWN MACHAEL J.
NATIONEY ACKNOWN MACHAEL J.
REGISTRATION NAMES:
REFERENCE/DOCKET NUMBER: 3.3.664
REFERENCE/DOCKET NUMBER: 3.3.674
REFERENCE/DOCKET NUMBER: 3.
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Gaps

0,

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RESULT 7
US-09-142-593-11/c
55cdence 11, Application US/09142593
; Patent No. 6489458
; GENERAL INFORMATION:
; APPLICANT: HACKETT ET AL.
; TITLE OF INVENTION: INTRODUCTION OF NUCLEIC ACID INTO DNA OF A CELL.
; UNMBER OF SEQUENCES: 63
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MUETING, RAASCH & GEBHARDT, P.A.
; ADDRESSEE: MUETING, RAASCH & CEBHARDT, P.A.
; ADDRESSEE: MUETING, RAASCH & P.A.
                                                                                                                                                                                                                          0; Indels
                  100.0%; Score 5; DB 1; Length 7; 100.0%; Pred. No. 7.4e+07; ative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 7;
                                                                                                                                                                                                                                                                                                                                                                                              US-09-048-927-3
Sequence 3, Application US/09048927
Federat No. 6147056
GENERAL INPORMATION:
APPLICANT: Gilchrest, Barbara A.
APPLICANT: Yaar, Mina
APPLICANT: Eller, Mark
TITLE OF INVENTION: Use of Locally Applied DNA Fragments
FILE REFERENCE: BU94-68A2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 55402
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
100.0%; Score 5; DB 3; L.
Best Local Similarity 100.0%; Pred. No. 7.4e+07;
Matches 5; Conservative 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADDRESSE: MUETING, RAASCH & GEBHARDT, P.A. STREET: 119 NORTH FOURTH STREET, SUITE 203 CITY: MINNEAPOLIS STATE: MINNESOTA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION NUMBER: US/09/048,927
CURRENT FILING DATE: 1998-03-56
EARLIER APPLICATION NUMBER: 08/952,697
EARLIER FILING DATE: 1996-06-03
EARLIER FILING DATE: 1995-06-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ; OTHER INFORMATION: DNA Fragment US-09-048-927-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: DNA
ORGANISM: Artificial Sequence
                                                                                                                                                                          Query Match
Best Local Similarity 100.
Matches 5; Conservative
      MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                    1 GTATG 5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   2 GTATG 6
                                                                                                                                                                                                                                                                                                             5 GTATG 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SEQ ID NO 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FEATURE:
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                                                                                                                                                                                                                                                                                  100.0%; Score 5; DB 1; Length 7; 100.0%; Pred. No. 7.4e+07; Live 0; Mismatches 0; Indels
                                                                                                                                              NAME/KEY: misc_feature;
COCATION: 1..7
COTHER INFORMATION: /standard name= "Sph-II binding;
CTHER INFORMATION: site in SV40"
US-08-615-170-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: MRK, Janet H.
APPLICANT: FARRANCE, Iain K.G.
APPLICANT: HALL, Deborah E.
APPLICANT: STEWART, Alexandre F.R.
APPLICANT: LARKIN, Sarah B.
TITLE OF INVENTION: DTEF-1 ISOFORMS AND USES THEREOF
NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADDRESSEE: Townsend and Townsend Khourie and Crew STREET: Steuart Street Tower, One Market Plaza CITY: San Francisco STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/615,170
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NAME: Heslin, James M.
REGISTRATION NUMBER: 29,541
REFERENCE/DOCKET NUMBER: 2307U-053120
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 326-2400
TELEPHONE: (415) 326-2422
INFORMATION FOR SEQ ID NO: 12:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FILING DATE:
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US95/01526
FILING DATE: 06-FEB-1995
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PRIOR APPLICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/191,493
FILING DATE: 04-FEB-1994
TLORNEY/ACTION: 435
TTORNEY/ACTION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
CMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 12, Application US/08615170 Patent No. 5776776
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: ORDAHL, Charles P. APPLICANT: AZAKIE, Anthony
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION: NAME: Heslin, James M.
                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 100.
Matches 5, Conservative
SEQUENCE CHARACTERISTICS:
                    1: 7 base pairs
nucleic acid
DEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 7 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
                                                           STRANDEDNESS: sir
                                                                                                         MOLECULE TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                XY: US
94105-1493
                                                                                                                                                                                                                                                                                                                                                                         1 GTATG 5
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                                                                                                                                 FEATURE:
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GENERAL INFORMATION:
APPLICANT: McDonagh, Kevin T.
APPLICANT: Nichhuis, Arthur
APPLICANT: Nichhuis, Arthur
TITLE OF INVENTION: IMPROVED EXPRESSION OF HUMAN
TITLE OF INVENTION: MULTIDRUG RESISTANCE GENES AND IMPROVED
TITLE OF INVENTION: SELECTION OF CELLS TRANSDUCED WITH SUCH GENES
NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            100.0%; Score 5; DB 2; Length 9; 100.0%; Pred. No. 5.8e+07; Live 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Peyman, John A.
TITLE OF INVENTION: REGULATION OF GENE EXPRESSION
NUMBER OF SEQUENCES: 101
CORRESPONDENCE ADDRESS:
ADDRESSEE: BENNIE & EDMONDS
STREET: 1155 Avenue of the Americas
                                                                                                                                                                                                                                                                                                                                            ADDRESSEE: Carella, Byrne, Bain, Gilfillan,
ADDRESSEE: Cecchi & Stewart
STREET: 6 Becker Farm Road
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/583,276
FILING DATE: 05-JAN-1996
CLASSIFICATION NUMBER: 08/332,444
FILING DATE: 31-0CT-1994
FILING DATE: 31-0CT-1994
APPLICATION NUMBER: 07/887,712
FILING DATE: 22-MA-1992
INFORMATION FOR SEQ ID NO: 1: SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         inch diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Sequence 8, Application US/08646789A Patent No. 6022863 GENERAL INFORMATION:
                                                                                  US-08-583-276-1; Sequence 1, Application US/08583276; Patent No. 5837536
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ZIP: 07068
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: DW4.V2
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        TYPE: nucleic acid
STRANDEDNESS: singular
TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy di
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STATE: New Jersey
COUNTRY: USA
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Best Local Similarity
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  6 GTATG 2
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US-08-646-789A-8
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GENERAL INFORMATION:
APPLICANT: Kay, Mark A.
APPLICANT: Kay, Mark A.
TITLE OF INVENTION: Sleeping Beauty Transposon System
TITLE OF INVENTION: Sleeping Beauty Transposon System
TILE REFERENCE: STAN-1660IP
CURRENT PILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: 607462,279
PRIOR FILING DATE: 1999-110-28
PRIOR FILING DATE: 1999-110-7
NUMBER OF SEQ ID NOS: 19
SOFTWARE: FREESEQ for Windows Version 4.0
SEQ ID NO 17
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Best Local Similarity 100.0%; Pred. No. 6.5e+07;
Matches 5; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  100.0%; Score 5; DB 4; Length 8; 100.0%; Pred. No. 6.5e+07; tive 0; Mismatches 0; Indels
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                                                                             PRIOR APPLICATION DATA:
APPLICATION DATA:
APPLICATION NUMBER: 60/040,664
FILING DATE: 11-MAR-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/053,868
FILING DATE: 28-JUL-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/065,303
FILING DATE: 13-NOV-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: CT/US98/04687
FILING DATE: 11-MAR-1998
ATTORNEY/AGENT INFORMATION:
NAME: SANDBERG, VICTORIA A.
REGISTRATION NUMBER: 41,287
REGISTRATION NUMBER: 41,287
REGISTRATION INFORMATION:
TELEPHONE: 612-305-1226
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/142,593
FILING DATE: 10-SEP-1998
CLASSIFICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 17, Application US/09927886
Patent No. 6613752
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEFAX: 612-305-1228
INFORMATION FOR SEQ ID NO: 11:
SEQUENCE CHARACTERISTICS:
LENGTH: 8 base pairs
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..veULOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-09-142-593-11
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STRANDEDNESS: single
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Best Local Similarity
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US-09-927-886-17/c
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Matches

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Query Match
Best Local Similarity 60.0
Matches 3; Conservative
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1 GUAUG 5
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Fatent No. 6022663
GENERAL INFORMATION:
APPLICAMT: Peyman, John A.
TITLE OF INVENTION: REGULATION OF GENE EXPRESSION
NUMBER OF SEQUENCES: 101
CORRESPONDENCE ADDRESS:
ADDRESSE: PENNIE & EDMONDS
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: US. A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: LBM PC Compatible
COMP
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CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/646,789A
FILING DATE: May 21, 1996
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: Mistrock, S. Lealie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 6523-006
TELECOMMUNICATION INFORMATION:
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/646,789A
FILING DATE: May 21, 1996
CLASSIFICATION: 800
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                  6523-006
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NAME: Misrock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 653-(
TELEPHONE: (212) 790-9090
TELEPHONE: (212) 790-9090
TELEPAX: (212) 869-9741/8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
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INFORMATION FOR SEQ 1D NO: 80:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 base pairs
TYPE: nucleac acid
STRANDEDNESS: single
TOPOLOGY: linear
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(212) 869-9741/8864
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TYPE: nucleic acid
STRANDEDNESS: single
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Best Local Similarity
Matches 5; Conserva
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US-08-646-789A-80
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MOLECULE TYPE:
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Sequence 68, Application US/09319648
Sequence 68, Application US/09319648
Patent No. 6451530
GENERAL INPORMATION:
APPLICANT: Hawkins, Mary
TITLE OF INVENTION: Fluorescent Nucleotide Analog Hairpin
Formation for Detection of Nucleic Acid Hybridization
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US-09-048-927-1
Sequence 1, Application US/09048927
Sequence 1, Application US/09048927
Fatent No. 6147056
GENERAL INFORMATION:
APPLICANT: Gilchrest, Barbara A.
APPLICANT: Yaar, Mina
APPLICANT: Eller, Mark
FILE OF INNENTION: USe of Locally Applied DNA Fragments
FILE REFERENCE: Bu94-68A2
CURRENT APPLICATION NUMBER: US/09/048,927
CURRENT APPLICATION NUMBER: 08/952,697
BARLIER APPLICATION NUMBER: 08/952,697
BARLIER PILING DATE: 1996-06-03
BARLIER FILING DATE: 1996-06-03
BARLIER FILING DATE: 1995-06-06
SANDHER OF SEQ ID NOS: 4
SOFTWARE: FastSEQ for Windows Version 3.0
                                                     0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 100.0%; Score 5; DB 3; Length 9; Best Local Similarity 100.0%; Pred. No. 5.8e+07; Matches 5; Conservative 0; Mismatches 0; Indels
  Length 9;
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ZIP: 9411-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQUENCES: 68
CORRESPONDENCE ADDRESS:
ADDRESSER: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
; Score 5; DB 3; 1
Pred. No. 5.8e+07;
2; Mismatches 0
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APPLICATION NUMBER: US/09/319,648
FILING DATE: 30-Jul-1999
CLASSIFICATION: <UNKNOWN>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICATION NUMBER: US 60/032,844 FILING DATE: 13-DEC-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; FEATURE:
; OTHER INFORMATION: DNA Fragment
US-09-048-927-1
  100.0%;
60.0%; F
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: San Francisco
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 623, Application US/09989789
Fatent No. 6588746
GENERAL INFORMATION:
GENERAL INFORMATION:
TITLE OF INVENTION: POSITION DEBENDENT RECOGNITION OF GNN NUCLEOTIDE
TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS
TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS
TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS
CURRENT PAPLICATION NUMBER: US/09/989,789
CURRENT FILING DATE: 2002-03-25
NUMBER OF SEQ ID NOS: 4085
SOCTWARE: PatentIn Ver. 2.0
SEQ ID NO 623
LENGTH: 9
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APPLICANT: LIU, Qiang
TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS
TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS
TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS
TILE REPERRENCE: 8325-0011.20 / 511-US2
CURRENT FILING DATE: 2002-03-25
CURRENT FILING DATE: 2002-03-25
NUMBER OF SEQ ID NOS: 4085
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 2220
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                                                                              REGISTRATION NUMBER: 48,631
REGISTRATION NUMBER: 015280-288100US
REFERENCE/DOCKET NUMBER: 015280-288100US
TELECOMMUNICATION INFORMATION:
TELEPRAX: (415) 576-0200
TELERAX: (415) 576-0200
INFORMATION FOR SEQ ID NO: 68:
SEQUENCE CHARACTERISTICS:
TENGTH: 9 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 68:
US-09-319-648-68
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100.0%; Pred. No. 5.8e+07;
APPLICATION NUMBER: WO PCT/US97/22448
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Patent No. 6588746
                    FILING DATE: 10-DEC-1997 ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ..
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                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 100.
Matches 5; Conservative
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Best Local Similarity 100.
Matches 5; Conservative
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6 GTATG 2
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US-09-989-789-623/c
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US-09-989-789-2220
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GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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OM nucleic - nucleic search, using sw model

1, 2004, 21:08:23 ; Search time 24.7561 Seconds (without alignments) 156.917 Million cell updates/sec August Run on:

US-09-540-843-3 Title: Perfect score:

1 agtatga 7 Sequence:

Gapop 10.0 , Gapext 1.0 IDENTITY NUC Scoring table:

682709 segs, 277475446 residues Searched: Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 200

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Issued_Patents_NA:* Database:

/cgn2_6/ptodata/2/ina/5A_COMB.seq:*
/cgn2_6/ptodata/2/ina/5B_COMB.seq:*
/cgn2_6/ptodata/2/ina/6A_COMB.seq:*
/cgn2_6/ptodata/2/ina/6B_COMB.seq:*
/cgn2_6/ptodata/2/ina/PCTUS_COMB.seq:*
/cgn2_6/ptodata/2/ina/PCTUS_COMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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1D US-09-048-927-3 US-09-048-927-1 US-09-048-927-1 US-09-922-445-12 US-08-345-12 US-08-344-9058-4 US-08-344-87-24 US-08-344-87-24 US-08-344-87-24 US-08-344-121-4 US-08-341-121-4 US-08-585-684B-1315 US-09-094-714A-34 US-09-094-714A-34 US-09-094-714A-34 US-09-038-073-1315 US-09-038-073-1315 US-09-038-073-1315 US-09-038-073-1315 US-08-932-140C-6 US-09-273-343-1	US-01-911-284A-59 US-08-719-593-24 US-08-256-426B-59
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Addition 1000000000000000000000000000000000000	100.0
8 100 100 100 100 100 100 100 100 100 10	
Result 100 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 24 0 27

Sequence 1, Appli	Sequence 125, App	Sequence 126, App	Sequence 461, App	Sequence 461, App	Sequence 365, App	Sequence 367, App	Sequence 369, App	371,	Sequence 813, App	Sequence 815, App	Sequence 6, Appli	9	Sequence 2, Appli	Sequence 443, App	Sequence 444, App	Sequence 6, Appli	-
US-08-458-814-1	US-09-479-005A-125	US-09-479-005A-126	US-08-390-850-461	US-08-435-634-461	US-08-758-306-365	US-08-758-306-367	US-08-758-306-369	US-08-758-306-371	US-08-758-306-813	US-08-758-306-815	US-08-671-320-6	US-08-868-577-6	US-08-485-133-2	US-08-985-162-443	US-08-985-162-444	US-09-207-914-6	US-09-401-063-443
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7 100.0	7 100.0	7 100.0	7 100.0	7 100.0	7 100.0	7 100.0	7 100.0	7 100.0	7 100.0	7 100.0	7 100.0	7 100.0	7 100.0	7 100.0	7 100.0	7 100.0	7 100.0
28	29	30	31	32	c 33	c 34	G 35	c 36	c 37	c 38	G 39	C 40	41	42	43	c 44	45

ALIGNMENTS

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Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0;
                                                            GENERAL INFORMATION:
APPLICANT: Gilchrest, Barbara A.
APPLICANT: Gilchrest, Barbara A.
APPLICANT: Yaar, Mina
APPLICANT: Eller, Mark
TITLE OF INVENTION: Use of Locally Applied DNA Fragments;
FILE REFERENCE: BU94-68A2
CURRENT APPLICATION NUMBER: US/09/048,927
CURRENT FILING DATE: 1998-03-26
FARLIER FILING DATE: 1996-06-03
FARLIER FILING DATE: 1996-06-07
FARLIER FILING DATE: 1996-06-07
FARLIER FILING DATE: 1995-06-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       100.0%; Score 7; DB 3; Length 7; 100.0%; Pred. No. 7.5e+07; cive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 4 SOFTWARE: FastSEQ for Windows Version 3.0
                        Sequence 3, Application US/09048927
Patent No. 6147056
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ; OTHER INFORMATION: DNA Fragment US-09-048-927-3
                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 100.
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 AGTATGA 7
US-09-048-927-3
                                                                                                                                                                                                                                                                                                                                                                             SOFTWARE SEQ ID NO 3
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; Sequence 1, Application US/09048927 ; Patent No. 6147056 1 AGTATGA 7 US-09-048-927-1 RESULT 2 d

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GENERAL INFORMATION:
APPLICANT: Gilchrest, Barbara A.
APPLICANT: Gilchrest, Barbara A.
APPLICANT: Yaar, Mina
APPLICANT: Bller, Mark
TITLE OF INVENTION: Use of Locally Applied DNA Fragments
FILE REFERENCE: BU94-68A2
CURRENT APPLICATION NUMBER: US/09/048,927
CURRENT FILING DATE: 1998-03-26
EARLIER APPLICATION NUMBER: 08/952,697
EARLIER PILING DATE: 1996-06-03
EARLIER APPLICATION NUMBER: 08/467,012

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Matches
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Sequence 12, Application US/09922445

Patent No. 6528268

GENERAL INFORMATION.

APPLICANT: Andersson, Maria K.

APPLICANT: Reneland, Rikard H.

CURRENT PRICATION UNDER: US/09/922,445

CURRENT APPLICATION NUMBER: US/09/922,445

NUMBER OF SEQ ID NOS: 51

SOFTWARE: Patentin version 3.1

SOFTWARE: Patentin version 3.1

SEQ ID NO 12

LENGTH: 13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 22, Application US/09922445
Patent No. 6528268
APPLICANT: Andersson, Maria K.
APPLICANT: Reneland, Lars G. T.
APPLICANT: Reneland, Rikard H.
APPLICANT: Anderson, Maria Rikard H.
APPLICANT: Reneland, Rikard H.
APPLICANT: Adam, Gail I. R.
TITLE OF INVENTION: REAGENTS AND METHODS FOR DETECTION OF HEART FAILURE FILE REFERENCE: GG126US
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Gaps
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1.1e+04;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DB 4; Length 13; 1.1e+04;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0; Indels
                                                                                                                                                                                                                        100.0%; Score 7; DB 3; Length 9; 100.0%; Pred. No. 5.8e+07; Live 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 7; I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CURRENT APPLICATION NUMBER: US/09/922,445
CURRENT FILING DATE: 2001-08-03
NUMBER OF SEQ ID NOS: 51
SOFURARE: Patentin version 3.1
SEQ ID NO 22
LENGTH: 13
EARLIER FILING DATE: 1995-06-06
NUMBER OF SEQ ID NOS: 4
SOFTWARE: FastSEQ for Windows Version 3.0
SEQ ID NO 1
LENGTH: 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          100.0%; Score 7; 100.0%; Pred. No.
                                                                                                                                                             ) OTHER INFORMATION: DNA Fragment
US-09-048-927-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       100.0%;
                                                                                                 TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 100.
Matches 7, Conservative
                                                                                                                                                                                                                        Query Match 100.
Best Local Similarity 100.
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
CORGANISM: synthetic
US-09-922-445-12
                                                                                                                                                                                                                                                                                                                                                  2 AGTATGA 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 AGTATGA 7
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ORGANISM: synthetic
US-09-922-445-22
                                                                                                                                                                                                                                                                                                         1 AGTATGA 7
                                                                                                                                                                                                                                                                                                                                                                                                           RESULT 3
US-09-922-445-12/c
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US-09-922-445-22
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Query Match Best Local Similarity

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                                                                                                                                                                             Sequence 27, Application US/08485133

Patent No. 5976789

GENERAL INFORMATION:
APPLICANT: Allibert, Patrice A.
APPLICANT: Cros, Philippe
APPLICANT: Mach, Bernard F.
APPLICANT: Mach, Bernard F.
APPLICANT: Mandrand, Bernard F.
APPLICANT: Mandrand, Bernard F.
APPLICANT: Title OF INVENTION: TO BE PERFORMED, AND TYPING METHOD USING SAID PROBES NUMBER OF SEQUENCES: 81
CORRESPONDENCE ADDRESS:
ADDRESSEE: OLIFF & BERRIDGE
  Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Gaps
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Sequence 4, Application US/08744905A

Sequence 4, Application US/08744905A

Sequence 4, Application US/08744905A

SERIERAL INFORMATION:
APPLICANT: Murphy, Gerald
APPLICANT: Boynton, Alton
APPLICANT: Seynton, Alton
APPLICANT: Seynton: NUCLEOTIDE AND AMINO ACID
ITILE OF INVENTION: SEQUENCES OF C4-2, A TUMOR SUPPRESSOR GENE,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ..
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Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                       CARACTECONDERNE ADDRESSEE: CALIFF & BERRIDGE
STREET: P.O. Box 19928
CITY: Alexandria
STATE: Virginia
ZIP: 22320
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
COMPUTER: IBM PC compatible
COMPUTER: BATENIN Release #1.0, Version #1.25
SUGRERI APPLICATION DATE:
APPLICATION NUMBER: US/08/485,133
FILING DATE: 7.-UN-1995
    .
0
  Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Berridge, William P.
REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WPB 28596A
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/030,143
FILING DATE: 11-MAR-1993
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELECOMMUNICATION INFORMATION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO: 27:
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Best Local Similarity 100...
7; Conservative
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LENGTH: 14 base pairs
TYPE: nucleic acid
  7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEPHONE: 703-836-64
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STRANDEDNESS: single
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                                                                                    5 AGTATGA 11
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                                             1 AGTATGA 7
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US-08-485-133-27
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Best Local Similarity 71.4%; Pred. No. 1.1e+04;
Matches 5; Conservative 2; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
APPLICANT: McSwiggen, James
APPLICANT: Draper, Kenneth
APPLICANT: Pavco, Pam
APPLICANT: Woolf, Tod
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: INHIBITING RESPIRATORY
TITLE OF INVENTION: SYNCYTIAL VIRUS
NUMBER OF SEQUENCES: 909
CORRESPONDENCE ADDRESS:
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: WORD Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/334,847
FILING DATE: NO. 5693532ember 4, 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 32,327
APPLICATION NUMBER: 209/032
FILING BATE WARDING NUMBER: 209/032
REGISTRATION NUMBER: 209/032
REGISTRATION NUMBER: 209/032
TELECOMMUNICATION NUMBER: 209/032
TELEFAN: (213) 489-1600
TELEFAN: (213) 489-1600
TELEFAN: (213) 955-0440
TELEFAN: (7-3510
INPORMATION POS ERQ ID NO: 24:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE : NUCLEIC SAID
STRANDENBESS: single
COMPUTED STRANDENBESS: Single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/08/334,847
FILING DATE: NO. 5693532ember 4, 1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
COMPUTER: IBM Compatible
COMPUTER: IBM Compatible
SOFRWARE: Word Perfect 5.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 327, Application US/08334847 Patent No. 5693532
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REPERENCE/DOCKET NUMBER: 209/
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ||:|:||
5 AGUAUGA 11
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              LOCATION: 1 OTHER INFORMATION: Where N is any nucleotide
              IITLE OF INVENTION: AND METHODS OF USE THEREOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sequence 24, Application US/08334847
Patent No. 5693532
GENERAL INFORMATION:
APPLICANT: McSwiggen, James
APPLICANT: McSwiggen, James
APPLICANT: Pavco, Pam
APPLICANT: Pavco, Pam
APPLICANT: Pavco, Pam
TITLE OF INVENTION: METHOD AND REAGENT FOR
TITLE OF INVENTION: INHIBITING RESPIRATORY
TITLE OF INVENTION: SYNCYTIAL VIRUS
NUMBER OF SEQUENCES: 999
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: 633 West Fifth Street
                                                                                                                                                                                                                                                                          OPERATING SYSTEM: DOS
SOFWARE: FASTSEQ Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/744,905A
FILING DATE: 08-NOV-1996
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                                                        SSEE: Pennie & Edmonds
1: 1155 Avenue of the Americas
New York
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     8511-009
                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE:
ATORNEY/AGENT INFORMATION:
NAME: BAIGWIN, GERAIGINE F
REGISTRATION NUMBER: 31,232
REFERENCE/DOCKET NUMBER: 8511
TELECOMMUNICATION INFORMATION:
TELEPAX: (212) 7909090
TELEFAX: (212) 869864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                 ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM COMPATION
OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
NAME/KEY: Modified Base
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 100.
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                              NUMBER OF SEQUENCES: 1. CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Suite 4700
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STATE: California
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                                                                                                                                                                   USA
                                                                                             STREET: 115
CITY: New Y
STATE: NY
                                                                             ADDRESSEE:
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Gaps

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linear
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                                                                US-08-747-121-4/c
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                                                                                                                                                                                                                                                                                                                                                                          COUNTRY:
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STATE:
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Patent No. 5811270

GENERAL INFORMATION:
APPLICANT: Grandgenett, Duane
APPLICANT: Grandgenett, Duane
TITLE OF INVENTION: An in vitro method for concerted integrase proteins.
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Grandgenett, Duane
STREET: 8610 Henrietta Ave
CITY: Brentwood
STATE: Missouri
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                                                                                                                                                                                                                                                         Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORIGINAL SOURCE: Combination of avian or HIV-1 retrovirus ORIGINAL SOURCE: DNA, piAN7 plasmid and pGEM plasmid. IMMEDIATE SOURCE: Same as in 2,vi.
                                                                                                                                                                                                               100.0%; Score 7; DB 1; Length 15; 71.4%; Pred. No. 1.1e+04; 1.1e+04; ive 2; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     100.0%; Score 7; DB 1; Length 15; 100.0%; Pred. No. 1.1e+04; ive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 63144
COMPUTER READABLE FORM:
MBDIUM TYPE: Distette, 3.5 inch;
COMPUTER: Gateway 2000, 4DX2-66E(Intel)
OPERATING SYSTEM: IBM clone
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: Microsoft World.
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/671,071B
FILING DATE: 06/27/96
CLASSIFICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELEPHONE: (314) 962-0064
INFORMATION SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
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MOLECULE TYPE: other nucleic acid
HYPOTHETICAL: no
TELEPHONE: (213) 489-1600
TELERA: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 327:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                       5; Conservative
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Best Local Similarity 100.
Matches 7; Conservative
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TYPE: nucleic acid
STRANDEDNESS: double
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OTHER INFORMATION:
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Best Local Similarity
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US-08-334-847-327
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5 AGUAUGA 11
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US-084 489-113-128
US-084-88-113-128
Sequence 28, Application US/08485133
Patent No. 5976789
GENERAL INFORMATION:
APPLICANT: Allibert, Patrice A.
APPLICANT: Mandrand, Bernard F.
APPLICANT: Tiercy, Jean-Marie
ITILE OF INVENTION: TO BE PERFORMED, AND TYPING METHOD USING SAID PROBES
NUMBER OF SEQUENCES: 81
CORRESPONDENCE ADDRESS:
ADDRESSEE: OLIFF & BERRIDGE
STREET: D.O. Box 19928
CITY: Alexandria
STATE: Virginia
ZIP: 22320
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/485,133
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        100.0%; Score 7; DB 2; Length 15; 71.4%; Pred. No. 1.1e+04; tive 2; Mismatches 0; Indels
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CLASSIFICATION 435
PRIOR APPLICATION 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/030,143
FILING DATE: 11-MAR-1993
CLASSIFFCATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Berridge, William P.
REGISTRATION NUMBER: 30,024
REFERENCE/DOCKET NUMBER: WPB 28596A
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               WPB 28596A
               FILING DATE: January 16, 1996

FILING DATE: January 16, 1996

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/000,951

FILING DATE: July 7, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard
REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 218/078

TELECHONE: (213) 955-0440

TELEFAX: (213) 955-0440

TELEFAX: 67-3510

INFORMATION FOR SEQ ID NO: 1315:
SEQUENCE CHARACTERISTICS:
LENGRATION FOR SEQ ID NO: TELEFAX: 15 base pairs
TYPE: nucleic acid
STRANDENESS: single
APPLICATION NUMBER: US/08/585,684B
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INFORMATION FOR SEQ ID NO: 28:
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Best Local Similarity 71.4
Matches 5; Conservative
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US-08-585-684B-1315
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Pred. No. 1.1e+04;
2; Mismatches 0; Indels
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US-08-585-648-1315
i Sequence 1315, Application US/08585684B
i Patent No. 5877021
j GENERAL INFORMATION:
i APPLICANT: Stinchcomb, Daniel T.
APPLICANT: Jarvis, Thale
i APPLICANT: MCSWIGGEN, James
ITILE OF INVENTION: METHOD AND REAGENT FOR THE
ITILE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
ITILE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
NUMBER OF SEQUENCES: 2751
CORRESPONDENCE ADDRESS:
                                                                                                                                                                       COMPUTAT: 0.0....
ZIP: 9007I
BEDION TYPE: 3.5" Diskette, 1.44 Mb MEDIUM TYPE: 3.5" Diskette, 1.44 Mb MEDIUM TYPE: 3.5" Diskette, 1.44 Mb MEDIUM TYPE: storage COMPUTER: IBM Compatible OPERATING SYSTEM: IBM P.C. DOS 5.0 SOFTWARE: FRASESQ Version 1.5 CURRENT APPLICATION DATA: APPLICATION NUMBER: US/09/585,684B FILING DATE: January 16, 1996 PRIOR APPLICATION NUMBER: 60/000,951 FILING DATE: July 7, 1995 ATTORNEY/AGENT INFORMATION: NAME: Warburg, Richard REFERENCE/DOCKET NUMBER: 32,327 REFERENCE/DOCKET NUMBER: 218/078 TELEFPONDE: (213) 489-1600 TELEFPAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MEDIUM TYPE: 3.5" Diskette, 1.44 Mb MEDIUM TYPE: storage
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OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Fast.SEQ Version 1.5
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                    CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 470
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        130:
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Best Local Similarity 71.4%;
Matches 5; Conservative
     NUMBER OF SEQUENCES: 2751
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELEX: 67-3510
INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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TYPE: nucleic acid
STRANDEDNESS: single
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COMPUTER READABLE FORM:
                                                                                                                     CITY: Los Angeles
STATE: California
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5 AGUAUGA 11
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RESULT 15
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US-09-094-714A-33/c

Sequence 33, Application US/09094714A
Factor No. 61178A7
Factor No. 61178A7
FIRE OF INVENTION:
FITLE OF INVENTION:
NUMBER OF SEQUENCES: 69
CORRESPONDENCE ADDRESS:
FADDRESSE:
ADDRESSE:
ADDRESSE:
FITLE One Liberty Place - 46th Floor
CITY:
Fhiladelphia
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                                                                                                                                 100.0%; Score 7; DB 2; Length 15; 100.0%; Pred. No. 1.1e+04; ive 0; Mismatches 0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTRY: USA
ZIP: 1910.3

ZIP: 1910.0

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2

OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDERREFORT 8.0

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/094,714A
FILING DATE: J998
CLASSIFICATION DATA:
APPLICATION NUMBER: 08/478,178
FILING DATE: 07-4UN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/689,996
FILING DATE: 09-5UL-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/689,996
FILING DATE: 16-MAR-1992
ATTORNEY/ASENT INFORMATION:
DATE: LEGBART INFORMATION:
DATE: PAUL K: LEGBART
DATE: PAUL K:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ISIS-2943
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 33: SEQUENCE CHARACTERISTICS:
                                                                                                                                 Query Match 100.
Best Local Similarity 100.
Matches 7; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             7; Conservative
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STRANDEDNESS: single
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                                   linear
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Best Local Similarity
Matches 7; Conserv
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US-09-094-714A-33
                                ; TOPOLOGY:
US-08-485-133-28
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US-09-094-714A-34/c

| Sequence 34, Application US/09094714A
| Patent No. 611784TION:
| GENERAL INFORMATION:
| APPLICANT: C. Frank Bennett, Nicholas M. Dean
| TITLE OF INVENTION: PROTEIN KINASE C EXPRESSION
| TITLE OF INVENTION: PROTEIN KINASE C EXPRESSION
| NUMBER OF SEQUENCES: 69
| CORRESPONDENCES: 69
| CORRESPONDENCE ADDRESS:
| ADDRESSE: Moodcock Washburn Kurtz Mackiewicz & No. 6117847ris, LLP
| STREET: One Liberty Place - 46th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gaps
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                                                                                                                                                                                                                                                                                                      COUNTRY: PA

COUNTRY: UGA

ZIP: 19103

ZIP: 19103

COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPREFECT 8.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/094,714A
FILING DATE: Unne 15, 1998
CLASSIFICATION DATA:
APPLICATION NUMBER: US/09/094,714A
FILING DATE: 14 FEB-1996
FILING DATE: 14 FEB-1996
FILING DATE: 17-1999
FILING APPLICATION DATA:
APPLICATION NUMBER: 09/478,178
FILING DATE: 07-4UN-1995
FILING DATE: 07-4UN-1995
FILING DATE: 07-4UL-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09-4UL-1993
FILING DATE: 16-MAR-1995
FILING DATE: 16-MAR-1995
FILING DATE: 16-MAR-1993
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    1, 2004, 23:41:53
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NAME: Paul K. Legaard
REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (215) 568-3100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 3
SEQUENCE CHARACTERISTICS:
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Best Local Similarity luv...
7; Conservative
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; TOPOLOGY: linear
US-09-094-714A-34
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Job time: 25.7561 secs
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Sequence 3, Appli
Sequence 7, Appli
Sequence 7, Appli
Sequence 1, Appli
Sequence 1, Appli
Sequence 11, Appli
Sequence 31, Appl
Sequence 31, Appl
Sequence 58, Appl
Sequence 58, Appl
Sequence 58, Appl
Sequence 67, Appl
Sequence 482, Appl
Sequence 15, Appl
                                                                          August 1, 2004, 23:28:09; Search time 124.122 Seconds (without alignments) 276.518 Million cell updates/sec
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Description
                                                                                                                                                                                                                                                                                                                                                           GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-10-329-465-30
US-10-193-507-58
US-10-612-224-97
US-10-450-797-482
US-10-150-779A-15
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US-10-122-633-3
US-10-122-633-3
US-10-122-633-3
US-10-122-633-1
US-10-122-633-1
US-09-398-39-31
US-09-899-381-31
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                                                                                                                                                                                                                       3222919 segs, 2451570024 residues
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Maximum Match 100%
Listing first 45 summaries
                                                   sw model
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                                                  using
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                                                  nucleic search,
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Maximum DB seq length: 200
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Perfect score:
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Sequence 16, Appl Sequence 4624, App Sequence 140, App Sequence 22, Appl Sequence 22, Appl Sequence 527, Appl Sequence 528, Appl Sequence 528, Appl Sequence 528, Appl Sequence 1529, App Sequence 1527, App Sequence 1570, Appl Sequence 528, Appl Sequence 528, Appl Sequence 528, Appl Sequence 1559, Appl Sequence 4558, Appl Sequence 569, Appl Sequence 569, Appl Sequence 569, Appl Sequence 569, Appl Sequence 569, Appl Sequence 569, Appl		7; .s 0; Gaps 0;
C 15 7 100.0 12 15 US-10-150-779A-16 16 7 100.0 13 10 US-09-740-332-4624 18 7 100.0 13 10 US-09-740-332-4624 18 7 100.0 13 13 US-10-669-841-7217 2 2 1 100.0 13 17 US-10-669-841-7217 2 2 1 100.0 13 17 US-10-669-841-7217 2 2 7 100.0 14 9 US-09-854-46-22 2 3 7 100.0 15 9 US-09-504-231A-528 2 2 7 100.0 15 9 US-09-504-231A-528 2 2 7 100.0 15 9 US-09-504-231A-529 2 2 7 100.0 15 9 US-09-504-231A-1570 2 8 7 100.0 15 9 US-09-504-231A-1570 2 9 100.0 15 9 US-09-504-231A-1570 2 9 100.0 15 9 US-09-504-231A-1570 2 9 100.0 15 9 US-09-504-231A-1570 2 0 7 100.0 15 9 US-09-39-39-30 2 0 7 100.0 15 9 US-09-274-533D-529 2 0 7 100.0 15 9 US-09-274-533D-1570 2 0 7 100.0 15 9 US-09-274-533D-1570 2 0 7 100.0 15 9 US-09-274-533D-1570 2 0 100.0 15 10 US-09-274-553D-1570 2 0 100.0 15 10 US-09-274-553D-1570 2 0 100.0 15 10 US-09-4551 2 0 100.0 15 10 US-09-817-879-4551 2 0 100.0 15 10 US-09-817-879-859	ALIGNMENTS Application US/10122630 No. US20030032610A1 DEMATION: Gilchrest, Barbara A. Eller, Mark S. Yaar, Mina WYENTION: Oligomucleotides ENCE: 0054.1088-018 ENCE: 0050-04-12 ICATION NUMBER: US 09/048,927 ENCATION NUMBER: US 09/048,927 ENCATION NUMBER: US 09/048,327 ENCATION NUMBER: US 09/540,843 ENCATION NUMBER: PCT/US01/10162 ENCATION NUMBER: US 09/540,843 ENCATION SUMBER: PCT/US01/10162 ENCATION NUMBER: SQUENCE ENCATION: Synthetic DNA Fragment Artificial Sequence	Query Match 100.0%; Score 7; DB 15; Length 'Best Local Similarity 100.0%; Pred. No. 6.8e+08; Matches 7; Conservative 0; Mismatches 0; Indel

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100.0%; Score 7; DB 15; Length 7; 100.0%; Pred. No. 6.8e+08;
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100.0%; Pred. No. 6.8e+08;
tive 0; Mismatches 0;
                                                                                            0; Mismatches
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; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TYPE: DNA
ORGANISM: Artificial Sequence
                          Query Match 100.
Best Local Similarity 100.
Matches 7; Conservative
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Best Local Similarity
Matches 7; Conserv
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US-10-122-633-7
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APPLICANT: Gilchest, Mark S.
APPLICANT: Eller, Mark S.
APPLICANT: Eller, Mark S.
TITLE OF INVENTION: Method to Inhibit Cell Growth Using
TITLE OF INVENTION: Oligomucleotides
TITLE DEPLEMENCE: 0054-1088-018
FILLE REFERENCE: 0054-1088-018
CURRENT FILING DATE: 2002-04-12, 630
CURRENT FILING DATE: 1995-06-06
FRICR FILING DATE: 1995-06-06
FRICR APPLICATION NUMBER: US 08/467,012
FRICR FILING DATE: 1996-03-3
FRICR FILING DATE: 1996-03-3
FRICR FILING DATE: 1996-03-3
FRICR FILING DATE: 2000-03-31
FRICR FILING DATE: 2000-03-31
FRICR FILING DATE: 2001-03-30
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| Publication No. US20030032611A1
| GENERAL INFORMATION
| APPLICANT: Glichrest, Barbara A. APPLICANT: Glichrest, Barbara A. APPLICANT: Glichrest, Mark S. APPLICANT: Faler, Mark S. APPLICANT: Paar, Mina TITLE OF INVENTION: Oligonacleotides
| TITLE OF INVENTION: Oligonacleotides
| FILE REFERENCE: 0054.1088-019
| CURRENT APPLICATION NUMBER: US 09/540,843
| PRIOR APPLICATION NUMBER: US 09/540,843
| PRIOR APPLICATION NUMBER: PCT/US01/10162
| PRIOR PILING DATE: 2001-03-31
| PRIOR FILING DATE: 2001-03-31
| NUMBER OF SEQ ID NOS: 15
| SOFTMARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0; Indels
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-630-7
                                                                                                                                                                                                      Sequence 7, Application US/10122630; Publication No. US20030032610A1; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   TYPE: DNA ORGANISM: Artificial Sequence
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US-10-122-633-3
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Sequence 1, Application US/10122630

Publication No. US203032610A1

GENERAL INFORMATION:

APPLICANT: Gilchrest, Barbara A.

APPLICANT: Bler, Mark S.

APPLICANT: Bler, Mark S.

TITLE OF INVENTION: Method to Inhibit Cell Growth Using

TITLE OF INVENTION: Method to Inhibit Cell Growth Using

TITLE OF INVENTION: Method to Inhibit Cell Growth Using

TITLE OF INVENTION: Oligonal Colides

FILE REFERENCE: 0054.1088-018

CURRENT APPLICATION NUMBER: US/10/122,630

CURRENT PILLING DATE: 1995-0-06

PRIOR PILLING DATE: 1995-0-06

PRIOR FILING DATE: 1996-0.3

PRIOR FILING DATE: 1998-0.3

PRIOR FILING DATE: 1998-0.3

PRIOR FILING DATE: 1998-0.3

PRIOR FILING DATE: 2000-0.3-31

PRIOR PILING DATE: 2000-0.3-31

PRIOR PILING DATE: 2000-0.3-31

PRIOR PILING DATE: 2001-0.3-30

NUMBER OF SEQ ID NOS: 15

SOFTWARE FEASTED FOR Windows Version 4.0
                                                                                                                                                                                                                                                                    Sequence 7. Application US/10122633
Sequence No. US20030032611A1
GENERAL INFORMATION:
APPLICANT: Gilchrest, Barbara A.
APPLICANT: Gilchrest, Barbara A.
APPLICANT: Eller, Mark S.
APPLICANT: Waar, Minaha to Inhibit Cell Growth Using TITLE OF INVENTION: Method to Inhibit Cell Growth Using TITLE OF INVENTION: Oligonuclectides
FILE REFERENCE: Oligonuclectides
CURRENT APPLICATION NUMBER: US/10/122,633
CURRENT FILING DATE: 2002-04-12
PRIOR APPLICATION NUMBER: US 09/540,843
PRIOR APPLICATION NUMBER: PS 05/940,843
PRIOR PILING DATE: 2001-03-31
PRIOR FILING DATE: 2001-03-31
NUMBER OF SEQ ID NOS: 15
SOFTWARE: FastSEQ for Windows Version 4.0
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; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Probe
US-09-398-399-31
                                                                                                                                         0; Mismatches
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                                                                                                                                                                                                                                                                                                                      Sequence 31, Application US/09899381
Patent No. US20020068293A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CTHER INFORMATION: synthetic probe US-09-899-381-31
                                                                                                                                                                                                                                                                                                                                                                                             APPLICANT: Delenstarr, Glend C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             NUMBER OF SEQ ID NOS: 2137
SOFTWARE: PatentIn version 3.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ORGANISM: Artificial Sequence
ORGANISM: Artificial Sequence
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7; Conservative
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US-10-033-145-1423
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Best Local Similarity
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LENGTH: 10
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APPLICANT: DELENSTARR, GLENDA C.
APPLICANT: DELENSTARR, GLENDA C.
APPLICANT: DEFENDANT, STEVEN M.
APPLICANT: OVERMAN, LESLIE B.
APPLICANT: SAMPSA, NICHOLAS M.
APPLICANT: SAMPSA, NICHOLAS M.
APPLICANT: SAMPSA, NICHOLAS M.
APPLICANT: MOLBER, PAUL K.
TITLE OF INVENTION: ACIDS TO SURFACES
TITLE OF INVENTION: ACIDS TO SURFACES
TITLE OF INVENTION: ACIDS TO SURFACES
CURRENT APPLICATION NUMBER: US/09/398,399
CURRENT FILING DATE: 1999-09-17
NUMBER OF SEQ ID NOS: 35
SOFTWARE: PATENTIN Ver. 2.0
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publication No. US20030032611A1

GENERAL INFORMATION:
APPLICANT: Gilchrest, Barbara A.
APPLICANT: Gilchrest, Barbara A.
APPLICANT: Eller, Mark S.
TITLE OF INVENTION: Method to Inhibit Cell Growth Using
TITLE OF INVENTION: Oligonucleotides
FILE REFERRINGE: 0054.1088-019
CURRENT APPLICATION NUMBER: US 09/540,843
PRIOR PILING DATE: 2002-04-12
PRIOR PLING DATE: 2000-03-31
PRIOR APPLICATION NUMBER: PCT/US01/10162
PRIOR APPLICATION NUMBER: PCT/US01/10162
NUMBER OF SEQ ID NOS: 15
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 1
LENGTH: 9
                                                                                                                    Query Match 100.0%; Score 7; DB 15; Length 9; Best Local Similarity 100.0%; Pred. No. 5.3e+08; Matches 7; Conservative 0; Mismatches 0; Indels
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100.0%; Pred. No. 5.3e+08;
tive 0; Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; OTHER INFORMATION: Synthetic DNA Fragment US-10-122-633-1
                                                          ), OTHER INFORMATION: Synthetic DNA Fragment US-10-122-630-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 31, Application US/09398399 Patent No. US20020051973A1
TYPE: DNA
ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 7; Conservative
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US-10-122-633-1
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LENGTH: 10
TYPE: DNA
                                        FEATURE:
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APPLICANT: Sana, Theodore R.

TITLE OF INVENTION: Arrays Having Background Features and TITLE OF INVENTION: Methods for Using the Same FILE REFERENCE: 10010760-1

CURRENT APPLICATION NUMBER: US/09/899,381

CURRENT FILING DATE: 201-07-05

PRIOR PILING DATE: 1999-09-17

NUMBER OF SEQ ID NOS: 53

SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: GENERAL CORPORATION
APPLICANT: ROBERTS, BRUCE
APPLICANT: ROBERTS, BRUCE
APPLICANT: SHANKMAR, SRINIVAS
TITLE OF INVENTION: PREPARATION AND USE OF SUPERIOR VACCINES
FILE REPERENCE: GA0201C
CURRENT APPLICATION NUMBER: US/10/033,145
CURRENT FILING DATE: 2001-11-05
PRIOR FILING DATE: 1999-06-18
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ilarity 100.0%; Pred. No. 1.6e+05;
Conservative 0; Mismatches 0;
100.0%; Score 7; DB 9; Le
100.0%; Pred. No. 1.6e+05;
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Sequence 482, Application US/10450797

Sequence 482, Application US/10450797

Seneral INCOMMATION:
Seneral INCOMMATION:
APPLICANT: Conradt, Marcus
APPLICANT: Conradt, Marcus
APPLICANT: Hofmann, Kay
TILLE REFERENCE: HENK-0041

CURRENT APPLICATION NUMBER: US/10/450,797

CURRENT APPLICATION NUMBER: PCT/EP01/15178

PRIOR FILING DATE: 2003-12-20

PRIOR APPLICATION NUMBER: DE 101 00 121.5

PRIOR PILING DATE: 2001-01-03

NUMBER OF SEQ ID NOS: 1435

SOFTWARE: Patentin version 3.2

SEQ ID NO 482

LENGTH: 11
                                                         APPLICANT: Cunningham, Philip R.

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE
TITLE OF INVENTION: DEDITIFICATION OF ANTIBIOTICS THAT ARE NOT SUSCEPTIBLE TO
TITLE OF INVENTION: ANTIBIOTIC RESISTANCE
FILE REPERENCE: WSV-2597
CURRENT APPLICATION NUMBER: 80/10/612,224
CURRENT FILING DATE: 2003-07-01
PRIOR APPLICATION NUMBER: 60/39237
PRIOR APPLICATION NUMBER: 60/452012
PRIOR APPLICATION NUMBER: 60/452012
PRIOR APPLICATION NUMBER: 60/452012
PRIOR PILING DATE: 2003-03-05
NUMBER OF SEQ ID NOS: 245
SOFTWARE: PASKSEQ for Windows Version 4.0
SEQ ID NO 97
LENGTH: 11
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Best Local Similarity 100.0%; Pred. No. 1.6e+05;
Matches 7; Conservative 0; Mismatches 0;
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US-10-150-79A-15/c
US-10-150-779A-15/c
Publication No. US20030125241A1
GENERAL INFORMATION:
APPLICANT: WISSENBACH, MARGIT
APPLICANT: KOCH, TROBLS
Sequence 97, Application US/10612224
Publication No. US20040137011A1
GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 7; Conservative
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; OTHER INFORMATION: primer
US-10-612-224-97
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US-10-450-797-482
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                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: RNA
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CENTRAL ANTOCATION
DEPLICANT: Wang et al.
TITLE OF INVENTION: GENES ABNORMALLY EXPRESSED IN MYELOID LEUKEMIA CELLS WITH AN MILLITLE OF INVENTION: FUSION
TITLE OF INVENTION: FUSION
CURRENT APPLICATION NUMBER: US/10/329,465
PRIOR FAILING DATE: 2001-12-27
NUMBER OF SEQ ID NOS: 315
SOFTWARE: Patentin version 3.1
SEQ ID NO 30
LENGTH: 10
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100.0%; Score 7; DB 15; L
Best Local Similarity 100.0%; Pred. No. 1.6e+05;
Matches 7; Conservative 0; Mismatches 0;
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APPLICANT: Anastasio, Alison E.
APPLICANT: Kazemi, Amir
APPLICANT: Lachowicz, Michael F.
APPLICANT: Lachowicz, Michael F.
APPLICANT: Babon, Vicente
APPLICANT: Babon, Vicente
TITLE OF INVENTION: HALLOTYPES OF THE CD3E GENE
FILE REPERENCE: MWH-2790US
CURRENT APPLICATION NUMBER: US/10/193,507
CURRENT FILING DATE: 2002-07-12
FRIOR FILING DATE: 2001-07-11
NUMBER OF SEQ ID NOS: 86
SOFTWARE: Patentin version 3.1
SSOFTWARE: Patentin version 3.1
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; OTHER INFORMATION: Synthetic oligonucleotide
US-10-329-465-30
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                                                                                                                                                                          ; Sequence 30, Application US/10329465
; Publication No. US20030165949A1
; GENERAL INFORMATION:
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US-10-193-507-58/c
; Sequence 58, Application US/10193507
; Publication No. US20040018493A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ·.
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; ORGANISM: Homo sapiens
US-10-193-507-58
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Best Local Similarity
Matches 7; Conserv
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10 AGTATGA 4
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US-10-612-224-97/c
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APPLICANT: GRUM, HENRICK
APPLICANT: GRUM, HENRICK
APPLICANT: GRUM, HENRICK
APPLICANT ON THERAPETIC USES OF INA-MODIFIED OLIGONUCLEOTIDES IN
TITLE OF INVESTION: THERAPETIC USES
FILE BEFERENCE: 55704 4(45120)
CURRENT PILING DATE: 2003-02-07
FILE STORE FILE STORE: 2003-02-07
FRICK FILE STORE: 2003-02-07
FRANCE: 2007-794-15
FRANCE: 2007-794-15
FRANCE: 2007-794-16
FRANCE: 2007-794-17
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Query Match 100.0%; Score 7; DB 15; Length 12; Best Local Similarity 100.0%; Pred. No. 1.6e+05; Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps Qy 1 AGTATGA 7

Db 11 AGTATGA 5

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Search completed: August 2, 2004, 02:14:40 Job time : 125.122 secs

(0108N) XUD18 @60d S141

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GenCore version 5.1.6
Convright (c) 1993 - 2004 Commissen ItA
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Compagen pro.		Search time 159.585 Seconds (without alignments)
	OM nucleic - nucleic search, using sw model	August 1, 2004, 23:28:09; Search time 159.585 Seconds (without alignments)
	OM nucleic -	Run on:

276.518 Million cell updates/sec 3222919 seqs, 2451570024 residues IDENTITY NUC Gapop 10.0 , Gapext 1.0 US-09-540-843-2 1 taggaggat 9 Title: Perfect score: Scoring table: Sequence: Searched:

Total number of hits satisfying chosen parameters:

Minimum DB seq length: 0 Maximum DB seq length: 200

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database :

Published Applications NA:*

| cgn2_6/ptodata/2/pubpna/USOT_PUBCOMB.seq:*
| cgn2_6/ptodata/2/pubpna/PCT_NEW_PUB.seq:*
| cgn2_6/ptodata/2/pubpna/USO6_NEW_PUB.seq:*
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| cgn2_6/ptodata/2/pubpna/USO7_NEW_PUB.seq:*
| cgn2_6/ptodata/2/pubpna/USO8_PUBCOMB.seq:*
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| cgn2_6/ptodata/2/pubpna/USO9_PUBCOMB.seq:*
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| cgn2_6/ptodata/2/pubpna/USO9_NEW_PUB.seq:*
| cgn2_6/ptodata/2/pubpna/USO9_NEW_PUB.seq:*
| cgn2_6/ptodata/2/pubpna/USO0P_PUBCOMB.seq:*
| cgn2_6/ptodata/2/pubpna/USO0P_PUBCOMB.seq:*
| cgn2_6/ptodata/2/pubpna/USOOP_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

	Description	Sequence 2, Appli	Sequence 2, Appli	Sequence 202. App	Sequence 169, App	Sequence 22, Appl	Sequence 97, Appl	Sequence 19, Appl	Sequence 162, App	Sequence 163, App	Sequence 164, App	Sequence 104, App	Sequence 200, App	Sequence 6304. Ap	Sequence 200, App
	ID	US-10-122-630-2	US-10-122-633-2	US-10-223-765-202	US-09-882-945A-169	US-10-340-192-22	US-10-339-793-97	US-09-766-154-19	US-09-828-344-162	US-09-828-344-163	US-09-828-344-164	US-10-006-191-104	US-10-277-216-200	US-10-349-143-6304	US-10-126-022-200
		15	15	15	10	12	15	δ	10	10	10	15	16	16	17
	Query Match Length DB	00	6	10	16	17	17	20	20	20	20	20	20	20	20
æ	Query Match	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	Score	6	თ	6	6	6	σ	6	6	60	6	σ	6	6	6
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Gaps 0;

Query Match 100.0%; Score 9; DB 15; Length 9; Best Local Similarity 100.0%; Pred. No. 5.4e+08; Matches 9; Conservative 0; Mismatches 0; Indels

Sequence 484, App Sequence 13, Appl	17,	341	977	Sequence 23, Appl	6821	6821	12,	Sequence 13, Appl	7075,	Sequence 9560, Ap	17185,	23551,	2355	72304,	Sequence 8678B, A	97448,		Sequence 99873, A	99874,	Sequence 112143,		202,	202,	Sequence 15, Appl	26,	351,	33, 7	Sequence 33, Appl	e 786
US-10-280-183A-484 US-09-816-814-13	-160-764-1	US-10-165-099-341	US-10-349-143-9775	US-10-229-541A-23	US-10-027-632-68219	US-10-027-632-68219	US-10-379-836-12	336-1	US-10-098-263B-7075	US-10-098-263B-9560	10-098-263B	US-10-098-263B-23551	US-10-098-263B-23552	10-098-2	US-10-098-263B-86788	-01	LO-098-263B	263B	-860-0-	-860-0	US-10-098-263B-125474	US-09-949-427-202	4	US-10-008-140B-15	US-10-008-140B-26	US-10-080-334-351	US-09-764-246-33	US-10-716-204-33	US-10-282-122A-78609
17	15	15	16	16	13	16	16	16	15	15	15	15	15	15	15	15	15	15	15	15	15	10	13	15	15	16	σ	17	13
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ALIGNMENTS

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GENERAL INCRMANION:

GENERAL INCRMANION:

APPLICANT: Gilchrest, Barbara A.

APPLICANT: Eller, Mark S.

APPLICANT: Eller, Mark S.

TITLE OF INVENTION: Method to Inhibit Cell Growth Using

TITLE OF INVENTION: Oligonucleotides

TITLE OF INVENTION: Oligonucleotides

TITLE OF INVENTION: Oligonucleotides

TITLE OF INVENTION: Oligonucleotides

FURBERT PILING DATE: 2002-04-12

PRIOR APPLICATION NUMBER: US 08/467,012

PRIOR PELING DATE: 1995-06-06

PRIOR FILING DATE: 1996-06-03

PRIOR FILING DATE: 1998-03-26

PRIOR FILING DATE: 1998-03-26

PRIOR FILING DATE: 1998-03-26

PRIOR PLILING DATE: 1998-03-26

PRIOR FILING DATE: 1090-03-31

PRIOR PLILING DATE: 1090-03-31

PRIOR PLILING DATE: 2001-03-30

NUMBER OF SEQ ID NOS: 15

SEQ ID NO 2

LENGTHA B.

LENGTHA P.
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; OTHER INFORMATION: Synthetic DNA Fragment US-10-122-630-2
                                                    Sequence 2, Application US/10122630 Publication No. US20030032610A1 GENERAL INFORMATION:
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RESULT 1
US-10-122-630-2
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TYPE: DNA ORGANISM: Artificial Sequence
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                                                                                               2 TAGGAGGAT 10
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                             1 TAGGAGGAT 9
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Best Local Similarity
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US-10-339-793-97/c
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                                                                                                                                                                                                                           Sequence 2, Application US/10125633
| Sequence 2, Application US/10125633
| Publication No. US20030032611A1
| GENERAL INFORMATION:
| APPLICANT: Gilchrest, Barbara A.
| APPLICANT: Gilchrest, Mark S.
| APPLICANT: Yaar, Mina
| TITLE OF INVENTION: Method to Inhibit Cell Growth Using
| TITLE OF INVENTION: Oligonucleotides
| TITLE OF 
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APPLICANT: Bae, Kwang-Hee
APPLICANT: Bae, Kwang-Hee
APPLICANT: Park, Kyung-Soon
APPLICANT: Ryu, Eun-Hyun
APPLICANT: Ryu, Eun-Hyun
APPLICANT: Ryu, Eun-Hyun
APPLICANT: Ryu, Eun-Hyun
APPLICANT: Hwang, Moon-Son
FILE REFERENCE: 12279-005001
FILE REFERENCE: 12279-005001
CURRENT APPLICATION NUMBER: 00/10/223,765
CURRENT APPLICATION NUMBER: 00/374,355
PRIOR APPLICATION NUMBER: 60/374,355
PRIOR APPLICATION NUMBER: 60/313,402
PRIOR FILING DATE: 2002-04-22
PRIOR FILING DATE: 2001-08-17
NUMBER OF SEQ ID NOS: 305
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 202
LENGTH::10
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US-10-122-633-2
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SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 2
LENGTH: 9
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; Publication No. US20030165997A1
; GENERAL INFORMATION:
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ORGANISM: Artificial Sequence
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US-10-223-765-202
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US-09-882-945A-169/C
US-09-882-945A-169/C
Sequence 169, Application US/0982945A
Publication No. US20030143535A1
GENERAL INFORMATION:
APPLICANT: Alawi, Hatim
APPLICANT: Alawi, Hatim
APPLICANT: Nori, Bruce
APPLICANT: Veri, Bruce
APPLICANT: Veri, Wari,
APPLICANT: Veri, Wariec
APPLICANT: Veri, Nociec
APPLICANT: Veri, Tatiana
APPLICANT: Veri, Nociec
APPLICANT: Veri, Nociec
APPLICANT: Veri, Ve
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Best Local Similarity 100.0%; Pred. No. 5.3e+04;
Matches 9; Conservative 0; Mismatches 0;
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Sequence 164, Application US/09828344
Publication No. US20030044979A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPID SCRAMBLASE I EXPRESSION
FILE REFERENCE: RTS-0147
CURRENT APPLICATION NUMBER: US/09/828,344
CURRENT FILING DATE: 2001-04-06
NUMBER OF SEQ ID NOS: 176
SEQ ID NO 164
LENGTH: 20
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PAPLICANT: Jacqueline Wyatt

TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPID SCRAMBLASE I EXPRESSION
FILE REFERENCE: RIS-0147

CURRENT APPLICATION NUMBER: US/09/828,344

CURRENT FILING DATE: 2001-04-06

NUMBER OF SEQ ID NOS: 176
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100.0%; Score 9; DB 10; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.2e+04;
Matches 9; Conservative 0; Mismatches 0; Indels
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                                                                                                                       FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide US-09-828-344-162
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ; OTHER INFORMATION: Antisense Oligonucleotide US-09-828-344-163
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 163, Application US/09B28344
Publication No. US20030044979A1
GENERAL INFORMATION:
                                                                          TYPE: DNA ORGANISM: Artificial Sequence
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Best Local Similarity 100.
Matches 9; Conservative
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           NUMBER OF SEQ ID NOS: 176
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US-09-828-344-164
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LENGTH: 20
                            SEQ ID NO 162
LENGTH: 20
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GENERAL INFORMATION:

APPLICANT: bynx Therapeutics, Inc.

APPLICANT: Shang, Jin

APPLICANT: Shang, Jin

APPLICANT: Bowen, Benjamin

TITLE OF INVENTION: GENES AFFECTED BY CHOLESTEROL TREATMENT AND DURING ADIPOGENESIS
FILE REFERENCE: 37-000310US

CURRENT APPLICATION NUMBER: US/10/339,793

CURRENT FILING DATE: 2003-01-08

NUMBER OF SEQ ID NOS: 443

SOFTWARE: Patentin version 3.1

SEQ ID NO 97

LENGTH: 17
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Sequence 162, Application US/09828344

Publication No. US20030044979A1

GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
TILLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPID SCRAMBLASE I EXPRESSION
FILE REFERENCE: RTS-0147
CURRENT APPLICATION NUMBER: US/09/828,344

CURRENT FILING DATE: 2001-04-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 19, Application US/09766154

Patent No. US2020010948A1

GENERAL INCOMATION:

APPLICANT: Patience, Clive

ITILE OF INVENTION: Swine Defective for Transmission of Porcine Endogenous

TITLE OF INVENTION: Retrovirus and Uses Thereof

FILE REFERENCE: 61750-31

CURRENT APPLICATION NUMBER: US/09/766,154

CURRENT FILING DATE: 2000-10-19

PRIOR PLIING DATE: 2000-10-27

PRIOR PLIING DATE: 2000-02-16

PRIOR PLIING DATE: 2000-01-19

NUMBER OF SEQ ID NOS: 33

SOFTWARE: PatentIN Ver: 2.1
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; ORGANISM: Homo sapiens
US-10-339-793-97
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Best Local Similarity
Matches 9; Conserv
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Matches 9; Conserv
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APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
ITILE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/10/349,143
CURRENT FILING DATE: 2003-01-21
PRIOR FILING DATE: 1999-10-20
PRIOR FILING DATE: 1999-10-20
PRIOR FILING DATE: BARLIER APPLICATION NUMBER: US 60/109,732
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/009,732
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/009,732
PRIOR APPLICATION NUMBER: EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
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Publication No. US2004002315A1
GERERAL INFORMATION:
APPLICANT: KEITH, TIM
TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,
TITLE OF INVENTION: OBESITY, AND INFLAMMATORY BOWEL DISEASE
FILE REFERENCE: 2976-403948:
CURRENT APPLICATION NUMBER: US/10/126,022
PRIOR APPLICATION NUMBER: 09/984,597
PRIOR PRILITY OF APPLICATION NUMBER: 09/548,797
PRIOR APPLICATION NUMBER: 09/548,797
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US-10-126-022-200
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100.0%; Score 9; DB 17; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.2e+04;
Matches 9; Conservative 0; Mismatches 0; Indels
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100.0%; Pred. No. 5.2
Live 0; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TYPE: DNA
ORGANISM: Artificial Sequence
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NUMBER OF SEQ ID NOS: 420
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 200
LENGTH: 20
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Best Local Similarity 100.
Matches 9; Conservative
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ORGANISM: Homo Sapiens
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US-10-126-022-200/c
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                                                                                                        Sequence 104, Application US/10006191

Sequence 104, Application US/10006191

GENERAL INFORMATION: US20330144223A1

GENERAL INFORMATION: William Gaarde

APPLICANT: William Gaarde

APPLICANT: William Gaarde

APPLICANT: Andrew T. Watt

TITLE OF INVENTION: ANTISENSE MODULATION OF CONNECTIVE TISSUE GROWTH FACTOR EXPRESSIC

FILE REPERENCE: RTS-0274

CURRENT APPLICATION NUMBER: US/10/006,191

CURRENT FILING DATE: 2001-12-10

NUMBER OF SEQ ID NOS: 153

SEQ ID NO 104

LENGTH: 20
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Publication No. US20040002470A1

GENERAL INFORMATION:

APPLICANT: KEITH, TIM

TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,

TITLE OF INVENTION: OBESITY, AND INFLAMMATORY BOWEL DISEASE

FILE REFRENCE: 2976-4051

CURRENT APPLICATION NUMBER: US/10/277,216

CURRENT PILING DATE: 2002-10-17

PRIOR FILING DATE: 2002-40-19

PRIOR FILING DATE: 2001-04-13

PRIOR FILING DATE: 2001-04-13

PRIOR FILING DATE: 2001-04-13

PRIOR FILING DATE: 2001-04-13

NUMBER OF SEQ ID NOS: 420

SOFTWARE: PATCHING UNIVER: 2010-04-13

NUMBER OF SEQ ID NOS: 420

SOFTWARE: PATCHING UNIVER: 2010-04-13

LENGTH: 2010

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100.0%; Score 9; DB 16; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.2e+04;
Matches 9; Conservative 0; Mismatches 0; Indels
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100.0%; Pred. No. 5.2e+04;
trive 0; Mismatches 0;
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; Publication No. US20040005584A1
; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA ORGANISM: Artificial Sequence
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             4 TAGGAGGAT 12
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Matches 9; Conserv
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US-10-349-143-6304/c
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                                                                                     RESULT 11.
US-10-006-191-104
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GENERAL INFORMATION:

APPLICANT: Pfizer Inc.
APPLICANT: Beauchamov, Alexander A
APPLICANT: Beauchamov, Alexander A
APPLICANT: Beauchamov, Gary K.

APPLICANT: Chatterjee, Aurobindo
APPLICANT: De Jong, Pieter J.
APPLICANT: Di, Shanru
APPLICANT: Di, Shanru
APPLICANT: Ohmen, Jeffrey D
APPLICANT: Ohmen, Jeffrey D
APPLICANT: Ohmen, Jeffrey D
APPLICANT: Chamen, Jeffrey D
APPLICANT: Jeffrey D

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Search completed: August 2, 2004, 02:14:39 Job time : 160.585 secs

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Sequence 6, Appli
Sequence 6304, Ap
Sequence 9775, Ap
Sequence 9, Appli
Sequence 15, Appli
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33, Appl
20, Appl
105, App
                                                                       August 1, 2004, 21:08:23 ; Search time 31.8293 Seconds (without alignments) 156.917 Million cell updates/sec
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/cgn2_6/ptodata/2/ina/6A_COMB.seq:*
/cgn2_6/ptodata/2/ina/6B_COMB.seq:*
/cgn2_6/ptodata/2/ina/PCTUS_COMB.seq:*
/cgn2_6/ptodata/2/ina/pcTUS_COMB.seq:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-09-422-978-6304
US-09-242-978-6304
US-09-440-918-9
US-09-664-800-15
US-09-665-309-15
US-09-61-569-15
US-09-061-768A-33
US-09-061-768A-33
US-09-061-768A-33
US-09-061-768A-33
US-09-061-768A-33
US-09-061-768A-33
US-09-061-768A-33
US-09-101-768A-33
US-09-101-768A-33
US-09-101-768A-33
US-09-101-768A-33
US-09-101-768A-105
US-09-193-813-46
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PCT-US95-00605-13
US-09-422-978-905
US-09-422-978-2210
US-08-425-336-117
US-08-488-1138-117
US-08-107-689D-30
US-08-107-689D-30
US-08-477-5318-30
US-08-477-5318-30
US-08-446-360-117
                                                                                                                                                                                                                                                         Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-08-082-842A-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-09-048-927-2
                                                                                                                                                                                                                                682709 segs, 277475446 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     SUMMARIES
                                                                                                                                                                                                                                                                                                                           Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                    - nucleic search, using sw model
                                                                                                                                                                                        IDENTITY NUC Gapop 10.0 , Gapext 1.0
                                                                                                                                                                                                                                                                                                                                                                                  Issued_Patents_NA:*
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Match Length DB
                                                                                                                                   US-09-540-843-2
                                                                                                                                                              1 taggaggat 9
                                                                                                                                                                                                                                                                                    Minimum DB seq length: 0
Maximum DB seq length: 200
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                                                                                                                                                 Perfect score:
                                                                                                                                                                                         Scoring table:
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                                                    OM nucleic
                                                                                                                                                                                                                                                                                                                                                                                  Database :
                                                                                                                                                              Sequence:
                                                                                                                                                                                                                                 Searched:
                                                                               Run on:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Result
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Sequence 117, App	Sequence 117, App	Sequence 117, App	Sequence 117, App	Sequence 37, Appl	Sequence 5950, Ap	Sequence 23, Appl	22,		39,	•	53,	Sequence 39, Appl		11,	1604	Sequence 15079, A	Sequence 1, Appli	
US-08-839-765-117	US-09-136-389-117	US-09-610-838-117	US-09-711-485-117	US-08-746-111-37	US-09-313-294A-5950	PCT-US91-00909-23	PCT-US91-00909-22	US-08-153-051B-23	US-08-060-952C-39	US-08-151-477A-23	US-08-819-867-53	US-08-464-011B-39	US-09-378-535-53	US-08-532-896-11	US-09-621-976-16047	US-09-621-976-15079	US-07-718-535-1	
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98	98	98	98	105	110	119	123	135	135	135	135	135	135	152	175	177	180	
100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
σ	σ	6	6	σ	6	6	σ	σ	0	σ	9	0	σ	6	6	9	6	
c 28	c 29	c 30	c 31	32	c 33	34	c 35	c 36	c 37	c 38	G 39	c 40	c 41	42	43	C 44	c 45	

ALIGNMENTS

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Patent No. 6284552;
GENERAL INPORMATION:
APPLICANT: SORG, Tania
TITLE OF INVENTION: HUMAN IMMUNOBFICIENCY VIRUS
ITILE OF INVENTION: HUMAN IMMUNOBFICIENCY VIRUS
NUMBER OF SEQUENCES: 7
CORRESPONDENCE ADDRESS:
ADDRESSEE: Burns, Doane, Swecker & Mathis
STREET: P.O. Box 1404;
CITY: Alexandria
STATE: Virginia
                                                                                  APPLICANT: Gilchrest, Barbara A.
APPLICANT: Gilchrest, Barbara A.
APPLICANT: Eller, Mark
TITLE OF INVENTION: Use of Locally Applied DNA Fragments
FILE REPRENCE: BU34-68A2
CURENT APPLICATION NUMBER: US/09/048,927
CURENT APPLICATION NUMBER: US/09/048,927
EARLIER APPLICATION NUMBER: 08/952,697
EARLIER APPLICATION NUMBER: 08/952,697
EARLIER PILING DATE: 1996-00-03
EARLIER FILING DATE: 1995-06-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    100.0%; Score 9; DB 3; Length 9; 100.0%; Pred. No. 6e+07; tive 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                        NUMBER OF SEQ ID NOS: 4 SOFTWARE: FastSEQ for Windows Version 3.0
                     Sequence 2, Application US/09048927
Patent No. 6147056
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 CTHER INFORMATION: DNA Fragment US-09-048-927-2
                                                                                                                                                                                                                                                                                                                                                                                                                                    TYPE: DNA ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                9; Conservative
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Best Local Similarity
Matches 9; Conserv
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                                                                  GENERAL INFORMATION:
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US-09-096-172-6
US-09-048-927-2
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LENGTH: 9
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US-09-422-978-6304
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is Sequence 6304, Application US/09422978

sequence 6304, Application US/09422978

sequence 6304, Application US/09422978

sequence 630751

is APPLICANT: Cohen, Daniel

is APPLICANT: Blumenfeld, Marta

APPLICANT: Blumenfeld, Marta

APPLICANT: Chumakov, Ilya

is TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

FILE REPERENCE: GENEST: 02/09/422, 978

CURRENT APPLICATION NUMBER: US/09/422, 978

CURRENT FILING DATE: 1999-10-20

EARLIER APPLICATION NUMBER: US 60/109, 732

EARLIER PLING DATE: 1999-04-21

EARLIER PLING DATE: 1998-04-21

EARLIER PLING DATE: 1998-04-21

SEALIER PLING DATE: 1998-04-21

SEQ ID NO 6304

LENGTH: 20
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LOCATION: 1..20
OTHER INFORMATION: upstream amplification primer 99-10661 for SEQ 2370,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Gaps
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: mutagenesis oligonucleotide (TAT INDIVIDUAL ISOLATE: 4511e to Ser)
                            ZIP: 22313-1404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Ralease #1.0, Version #1.25
APPLICATION NUMBER: US/09/096,172
                                                                                                                                                                                                                                                                                                                                                                                                                                  CLASSIFICATION:
PRIOR APPLICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE: 04-JAN-1994
PILING DATE: 04-JAN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Crane-Feury, Sharon E
REGISTATION NUMBER: 36,113
REFERENCE/DOCKET NUMBER: 01753-040
TELECOMMUNICATION INFORMATION:
SEQUENCE CHARACTERISTICS:
TENERY:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
SEQUENCE CHARACTERISTICS:
TENERY:
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TELECOMMUNICATION INFORMATION:
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HYPOTHETICAL: NO
ANTI-SENSE: YES
United States
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ORGANISM: Homo Sapiens
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    5 TAGGAGGAT 13
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Best Local Similarity
Matches 9, Conserv
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; OTHER INFORMATION: downstream amplification primer 99-7276 for SEQ 1910, in compleme
US-09-422-978-9775
                                                                                                                                                                                                                                                                                                                                                 APPLICANT: Cohen, Daniel
APPLICANT: Cohen, Daniel
APPLICANT: Chumenfeld, Marta
APPLICANT: Chumenfeld, Marta
APPLICANT: Chumenfeld, Marta
APPLICANT: Chumenkov, 11ya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US 69/422,978
CURRENT FILING DATE: 1999-10-20
EARLIER APPLICATION NUMBER: US 60/109,732
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-11-23
EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NOS: 11796
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Sequence 9, Application US/09240918

Sequence 9, Application US/09240918

Setent No. 6265165

GENERAL INFORMATION:

APPLICANT: GIVENET, Dieter C.

APPLICANT: AL, Zhidong

TITLE OF INVENTION: METHODS FOR EST-SPECIFIC FULL LENGTH CDNA CLONING

TITLE OF INVENTION: METHODS FOR EST-SPECIFIC FULL LENGTH CDNA CLONING

TITLE OF INVENTION: METHODS FOR EST-SPECIFIC FULL LENGTH CDNA CLONING

FILE REFRENCE: 4980 85.11 (19)

CURRENT FILING DATE: 1999-11-12

NUMBER OF SEQ ID NOS: 96

SOFTWARE: PATENTIN Ver. 2.0

SOFTWARE: Patentin Ver. 2.0

LENGTH: 22
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  Length 20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 22;
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     100.0%; Score 9; DB 4; Li 100.0%; Pred. No. 3.4e+03;
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100.0%; Pred. No. 3.4e+03;
tive 0; Mismatches 0;
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                                                       Mismatches
                                                                                                                                                                                                                                                          US-09-422-978-9775/c
; Sequence 9775, Application US/09422978
; Patent No. 6537751
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Best Local Similarity 100.
Matches 9; Conservative
                                                    Conservative
                                                                                                                                                        18 TAGGAGGAT 10
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                                                                                                         1 TAGGAGGAT 9
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Query Match
Best Local Similarity
Matches 9; Conserv
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KIM. Soo Young
VALION: Abscisic Acid Responsive Element -Binding Transcription Factors
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Patent No. 6204037
GENERAL INFORMATION:
GENERAL INFORMATION:
APPLICANT: BRASH, MILLIAM E.
APPLICANT: BORGLIN, WILLIAM E.
APPLICANT: JISAKA, MITSUO
ITILE OF INVENTION: LIPOXYGENASE PROTEINS AND NUCLEIC ACIDS NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
ADDRESSE: ARLES A. TANLOR, JR.
STREET: SUITE 1400, UNIVERSITY TOWER, 3100 TOWER BOULEVARD
                                                                                                                                                                                                                                                Length 24;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 24;
                                                                                                                                                                                                                                                                                    Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 27707
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.4 MB storage
COMPUTER: IBM PC/XT/AT compatible
                                                                                                                                                                                                                                            100.0%; Score 9; DB 3; Let 100.0%; Pred. No. 3.4e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 100.0%; Score 9; DB 3; Le
Best Local Similarity 100.0%; Pred. No. 3.4e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: KIM. Soo Young
TITLE OF INVENTION: Abscisic Acid Responsi:
FILE REPERENCE: 1942/42
CURRENT APPLICATION NUMBER: US/09/661,569
CURRENT FILING DATE: 2000-09-14
PRIOR APPLICATION NUMBER: 09/416,050
PRIOR APPLICATION NUMBER: 1999-10-12
NUMBER OF SEQ ID NOS: 83
SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      0; Mismatches
                                                                                                                                                                                                                                                                                    0; Mismatches
                                                                                                 FastSEQ for Windows Version 4.0
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SOFTWARE: WOORD PERFECT 6.1 and ASCII
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/061,768A
                                    UMBER: 09/416,050
1999-10-12
                                                                                                                                                                                                                                                                                                                                                                                                                                                 US-09-661-569-15/c

Sequence 15, Application US/09661569

Patent No. 6745905

; GENERAL INFORMATION:
                   CURRENT FILING DATE: 2000-09-19
PRIOR APPLICATION NUMBER: 09/416,
PRIOR FILING DATE: 1999-10-12
NUMBER OF SEQ ID NOS: 83
SOFTWARE: FastSEQ for Windows Versised in No. 15
EBOUTH 124
                                                                                                                                                               ; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
US-09-665-309-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ORGANISM: Arabidopsis thaliana
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                                                                                                                                                                                                                      Query Match
Best Local Similarity
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US-09-061-768A-33
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SEQ ID NO 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TYPE: DNA
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GENERAL INFORMATION:
APPLICANT: KIM. Soo Young
APPLICANT: KIM. Soo Young
TILLE OF INVENTION: Abscisic Acid Responsive Element -Binding Transcription Factor FILE REPERENCE: 1942/42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 15. Application US/09665309
Patent No. 6232461
GENERAL INFORMATION:
ACCORDING TO YOUNG
TITLE OF INVENTION: Abscisic Acid Responsive Element -Binding Transcription Factor FILE REFERENCE: 1942/42
CURRENT APPLICATION NUMBER: US/09/665,309
                                                                                                                                                                                                                                                                           APPLICANT: KIM. Soo Young
TITLE OF INVENTION: Abscisic Acid Responsive Element -Binding Transcription Factors
FILE REPERENCE: 1942/42
CURRENT APPLICATION NUMBER: US/09/416,050A
CURRENT FILING DATE: 1999-10-12
NUMBER OF SEQ ID NOS: 83
SOFTWARE: FastSEQ for Windows Version 4.0
SEQ ID NO 15
LENGTH: 24
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                                      Indels
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                 Pred. No. 3.4e+03;
Mismatches 0;
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CURRENT APPLICATION NUMBER: US/09/664,800

CURRENT FILING DATE: 2000-09-19

PRIOR APPLICATION NUMBER: 09/416,050

PRIOR FILING DATE: 1999-10-12

NUMBER OF SEQ ID NOS: 83

SEQ ID NO 15

LENGTH: 24
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0; Mismatches
                                                                                                                                                                                           US-09-416-050A-15/c; Sequence 15, Application US/09416050A; Patent No. 6194559; GENERAL INFORMATION:
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Patent No. 6218527
100.001
...4 ;80.001
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; ORGANISM: Arabidopsis thaliana
US-09-664-800-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
ORGANISM: Arabidopsis thaliana
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 100.
Matches 9; Conservative
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Best Local Similarity 100.
Matches 9; Conservative
                 Similarity 100
9; Conservative
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                                                                            1 TAGGAGGAT 9
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                 Best Local
Matches
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DB 4; here,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZIP: 19426
COMPUTER READBLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: Macintosh
OPERATING SYSTEM: Macintosh System 7.0
SOFTWARE: Microsoft Word Version 5.0 (PatentIn)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/310,356
FILING DATE:
                                                                                                                                                                                                                                                       US-08-310-356-20/c
Sequence 20, Application US/08310356
Patent No. 5648243
GENERAL INFORMATION:
APPLICANT: Hurwitz, David R
APPLICANT: Harman, Margret
APPLICANT: Shani, Moshe
ITLE OF INVENTION: Transgenic Protein Production
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADDRESSEE: Rhone-Poulenc Rorer Legal Department
STREET: 500 Arcola Road
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Mismatches
; SEQUENCE DESCRIPTION: SEQ 1D NO: 33:
US-09-764-246-33
                                                       100.0%; Score 9;
100.0%; Pred. No.
:ive 0; Mismatch
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CLASSIFICATION: 800
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/07/737,853
FILING DATE: 31-UUL-1991
ATTORNEY/AGENT INFORMATION:
NAME: Goodman, Rosanne
REGISTRATION NUMBER: 32,534
REFERENCE/DOCKET NUMBER: 30.534
TELEPHONE: (215) 454-3817
TELEPHONE: (215) 454-3808
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-019-793A-105/c
; Sequence 105, Application US/09019793A
; Patent No. 6380376
; GENERAL INFORMATION:
; APPLICANT: PAUL, Prem
; APPLICANT: MENG, Xiang-Jin
; APPLICANT: MOROZOV, IGOR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    0;
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TYPE: nucleic acid
                                                                                                  Conservative
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Best Local Similarity
                                                                        Best_Local Similarity
Matches 9; Conserv
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COUNTRY: USA
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US-08-310-356-20
                                                         Query Match
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BOEGLIN, WILLIAM E.

JISARA, MITSUO

TITLE OF INVENTION: ILPOXYGENASE PROTEINS AND NUCLEIC ACIDS
NUMBER OF SEQUENCES: 36
CORRESPONDENCE ADDRESS:

ADDRESSEE: ARLES A. TAYLOR, JR.

STREET: SUITE 1400, UNIVERSITY TOWER, 3100 TOWER BOULEVARD

CITY: DURHAM
                                                                                                                                                                                                                                                                                                                                                                                                                                                         ;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           COMPUTER REALBREE FORM:

COMPUTER REALBREE FORM:

MEDIUM TYPE: Diskette, 3.50 inch, 1.4 MB storage

COMPUTER: IBM PC/XT/AT compatible

OPERATING SYSTEM: Windows 3.1

SOFTWARE: WORD PERFECT 6.1 and ASCII

CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                           100.0%; Score 9; DB 3; Length 28; 100.0%; Pred. No. 3.4e+03; Live 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PRIOR APPLICATION DATA:
APPLICATION NUMBER: «Unknown»
FILING DATE: «Unknown»
ATTORNEY/AGENT INFORMATION:
NAME: ARLES A. TAYLOR, UR.
REGISTRATION NUMBER: 19,395
REFERENCE/DOCKET NUMBER: 1242/5
TELEPHONE: (919) 493-8000
TELEPAX: (919) 419-0383
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 APPLICATION NUMBER: US/09/764,246
FILING DATE: 17-Jan-2001
CLASSIFICATION: 435
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 33, Application US/09764246 Patent No. 6649355 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEX: «Unknown»

INFORMATION FOR SEQ ID NO: 33:
SEQUENCE CHARACTERISTICS:
LENGTH: 28 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
        CLASSIFICATION: 435
CLASSIFICATION 435
PRIOR APPLICATION NUMBER: NONE
APPLICATION NUMBER: NONE
FILING DATE:
ATTORNEY/AGENT INFORMATION:
RAGISTRATION NUMBER: 39,395
REFRENCE/DOCKET NUMBER: 1242,
TELECHMUNICATION INFORMATION:
TELECHMONICATION INFORMATION:
TELEPHONE: (919) 493-8000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STATE: NORTH CAROLINA COUNTRY: USA
APRIL 16, 1998
                                                                                                                                                                                                                                                           33:
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INFORMATION FOR SEQ ID NO: 33
SEQUENCE CHARACTERISTICS:
LENGTH: 28 base pairs
TYPE: nucleic acid
TYPE: nucleic acid
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Best Local Similarity 100.
Matches 9; Conservative
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                                                                                                                                                                                                                                                                                                                                                          linear
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US-09-764-246-33
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REGISTRATION NUMBER: 36,252
                                                                                                                                                                                                                                                                                    TYPE: nucleic acid
STRANDEDNESS: single
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EDNESS: single
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HYPOTHETICAL: N
HANTI-SENSE: NO
US-08-189-256A-46
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 15
US-09-193-853-46/c
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APPLICANT: HALBUR, Patrick
TITLE OF INVENTION: PROTEINS ENCODED BY POLYNUCLEIC ACIDS OF PORCINE
TITLE OF INVENTION: REPRODUCTIVE AND RESPIRATORY SYNDROME VIRUS (PRRSV)
FILE REPERBENCE: 4625-0039-55X CIP
CURRENT APPLICATION NUMBER: US/09/019,793A
CURRENT APPLICATION NUMBER: 08/478,316
PRIOR APPLICATION NUMBER: 08/310,435
PRIOR APPLICATION NUMBER: 08/311,435
PRIOR APPLICATION NUMBER: 08/311,625
PRIOR APPLICATION NUMBER: 08/311,625
PRIOR PLING DATE: 1993-10-05
PRIOR PLING DATE: 1993-10-05
PRIOR APPLICATION NUMBER: 07/969,071
PRIOR APPLING DATE: 1992-10-30
SOFTWARE: PatentIn Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                0
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APPLICANT: Svab, Zora
APPLICANT: Svab, Jora
APPLICANT: Staub, Jeffrey
APPLICANT: Scubenko, Oleg V.
APPLICANT: Allison, Lori A.
APPLICANT: Allison, Lori A.
APPLICANT: Allison, Lori A.
APPLICANT: Carrer, Helaine
APPLICANT: Carrer, Helaine
APPLICANT: Carrer, Melaine
APPL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gaps
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; OTHER INFORMATION: Description of Artificial Sequence:synthetic DNA US-09-019-793A-105
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ·,
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ZIP: 19103-2307

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           STREET: Darn, Dorfman, Herrell and Skillman STREET: 1601 Market Street Suite 720 STRIE: PA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/189,256A
FILING DATE: 31-JAN-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/111,398
FILING DATE: 25-AUG-1993
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICATION NUMBER: US 07/518,763
FILING DATE: 01-MAY-1990
ATTORNEY/AGENT INFORMATION:
NAME: Reed, Janet E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT 14
US-08-189-256A-46/c
; Sequence 46, Application US/08189256A
; Patent No. 5877402
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Best Local Similarity 100.
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Sequence 46, Application US/09193853

Patent No. 6388168

BAPELCANT: Maliga, Pal
APPLICANT: Staub, Jeffrey
APPLICANT: Staub, Jeffrey
APPLICANT: Carrer, Helaine
APPLICANT: Allison, Lori A.
APPLICANT: Allison, Lori A.
APPLICANT: Allison, Staub, Jeffrey
TITLE OF INVENTION: DNA CONStructs and Methods for Stably
TITLE OF INVENTION: Transforming Plastids of Multicellular plants and
TITLE OF INVENTION: Expressing Recombinant Proteins Therein
NUMBER OF SEQUENCES: 47

CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                 0
                                                                                                                                                                                                                                                                                                                                                                                                 Gaps
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                                                                                                                                                                                                                                                                                                                                         100.0%; Score 9; DB 2; Length 33; 100.0%; Pred. No. 3.5e+03; Live 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SEE: Dann, Dorfman, Herrell and Skillman: 1601 Market Street Suite 720
Philadelphia
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      SOFTWARE: Patentin Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/193,853
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/518,763
FILING DATE: 01-MAY-1990
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ZIP: 19103-2307
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  FILING DATE:
CLASSIFICATION
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/189,256
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 563-4004
INFORMATION FOR SEQ ID NO: 46:
SEQUENCE CHARACTERISTICS:
LENGTH: 33 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME: Reed, Janet E. REGISTRATION NUMBER: 36,252 TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                  MOLECULE TYPE: DNA (genomic) HYPOTHETICAL: NO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (215) 563-4100
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INFORMATION FOR SEQ ID NO: 8EQUENCE CHARACTERISTICS:
LENGTH: 33 base pairs
                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 100.
Matches 9; Conservative
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0;
                                                                                                                       Query Match

100.0%; Score 9; DB 4; Length 33;

Best Local Similarity 100.0%; Pred. No. 3.5e+03;

Matches 9; Conservative 0; Mismatches 0; Indels
; TOPOLOGY: linear

; MOLECULE TYPE: DNA (genomic)

; HYPOTHETICAL: NO

; ANTI-SENSE: NO

US-09-193-853-46
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27 TAGGAGGAT 19
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Gaps

Search completed: August 1, 2004, 23:41:52 Job time: 32.8293 secs

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                                                                              August 1, 2004, 21:08:23 ; Search time 31.8293 Seconds (without alignments) 156.917 Million cell updates/sec
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 1,
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                                                                                                                                                                                                                                                                                                                                                                                                      1: /cgn2_6/ptodata/2/ina/5A_COMB.seq:*
2: /cgn2_6/ptodata/2/ina/5B_COMB.seq:*
3: /cgn2_6/ptodata/2/ina/6A_COMB.seq:*
4: /cgn2_6/ptodata/2/ina/6B_COMB.seq:*
5: /cgn2_6/ptodata/2/ina/PCTUS_COMB.seq:*
6: /cgn2_6/ptodata/2/ina/PcTus_COMB.seq:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      US-00-932-140C-6
US-08-932-140C-7
US-08-758-306-365
US-08-758-306-365
US-08-758-306-36-369
US-09-866-108A-2751
US-09-866-108A-2752
US-09-866-108A-2753
US-09-866-108A-2753
US-09-866-108A-2754
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US-09-866-108A-2755
US-09-866-108A-2755
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US-09-866-108A-2756
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US-09-806-108-2758
US-09-806-108-2758
US-09-806-108-2758
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US-09-422-978-6551
US-09-422-978-8965
                                                                                                                                                                                                                                                                Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                      682709 segs, 277475446 residues
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SUMMARIES
                                                                                                                                                                                                                                                                                                                                   Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                     - nucleic search, using sw model
                                                                                                                                                                                            IDENTITY NUC Gapop 10.0 , Gapext 1.0
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                                                                                                                                      US-09-540-843-1
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Match Length
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Maximum DB seq length: 200
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                                                                                                                                      Title:
Perfect score:
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÷	Patent No. 5455029	Sequence 8, Appli	23,	5679	Sequence 5680, Ap	Sequence 5681, Ap	Sequence 5682, Ap	Sequence 5683, Ap	Sequence 5684, Ap	5685	Sequence 5686, Ap	5687,	5688	5689,	Sequence 5690, Ap	5691,	5692, 7	5693,
	5455029-26	US-09-088-274-8	US-09-245-248B-23	US-09-866-108A-5679	US-09-866-108A-5680	US-09-866-108A-5681	US-09-866-108A-5682	US-09-866-108A-5683	US-09-866-108A-5684	US-09-866-108A-5685	US-09-866-108A-5686	US-09-866-108A-5687	US-09-866-108A-5688	US-09-866-108A-5689	US-09-866-108A-5690	US-09-866-108A-5691	US-09-866-108A-5692	US-09-866-108A-5693
	9	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	21	23	24	25	25	25	25	25	25	25	25	25	25	25	25	25	25	25
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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ALIGNMENTS

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& No. 6190866ris LLP
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          0
                                                                                APPLICANT: Gilchrest, Barbara A.
APPLICANT: Yaar, Mina
APPLICANT: Eller, Mark
APPLICANT: Eller, Mark
TITLE OF INVENTION: Use of Locally Applied DNA Fragments
FILE REFERENCE: BU34-68A2
CURRENT APPLICATION UNMBER: US/09/048,927
CURRENT APPLICATION NUMBER: 08/952,697
EARLIER APPLICATION NUMBER: 08/952,697
EARLIER FILING DATE: 1996-06-03
EARLIER FILING DATE: 1996-06-06
NUMBER OF SEQ ID NOS: 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 9;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Sequence 6, Application US/09049190
Fatent No. 6190866
GENERAL INFORMATION:
TITLE OF INVENTION: Peptide Nucleic Acids Having
TITLE OF INVENTION: Antibacterial Activity
NUMBER OF SEQUENCES:
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz
STREET: One Liberty Place - 46th Floor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         100.0%; Score 9; DB 3; Les
100.0%; Pred. No. 6e+07;
                                                                                                                                                                                                                                                                                                                                               SOFTWARE: FastSEQ for Windows Version 3.0 SEQ ID NO 1 LENGTH: 9
US-09-048-927-1; Sequence 1, Application US/09048927; Patent No. 6147056
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ; OTHER INFORMATION: DNA Fragment US-09-048-927-1
                                                                                                                                                                                                                                                                                                                                                                                                                             ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity 100.
Matches 9; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STREET: One Liberty CITY: Philadelphia STATE: PA COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1 GAGTATGAG 9
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                                                                GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US-09-049-190-6/c
                                                                                                                                                                                                                                                                                                                                                                                                                TYPE: DNA
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NAME/KEY: Modified-site

OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine OTHER INFORMATION: backbone FEATURE: NAME/KEY: Modified-site OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine OTHER INFORMATION: backbone LOCATION:

NAME/KEY: Modified-site

LOCATION: 3
OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine OTHER INFORMATION: backbone NAME/KEY: Modified-site

OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine OTHER INFORMATION: backbone FRATURE: NAME/KEY: Modified-site LOCATION: 5 LOCATION:

LOCATION: 5
COTHER INFORMATION: N-acetyl (2-aminoethyl) glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site

OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine OTHER INFORMATION: backbone LOCATION:

OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine OTHER INFORMATION: backbone NAME/KEY: Modified-site LOCATION: 7

OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine OTHER INFORMATION: backbone "EATURE:
NAME/KEY: Modified-site

OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine OTHER INFORMATION: backbone FRATURE:
NAME/KEY: Modified-site NAME/KEY: Modified-site LOCATION

N-[acetyl(2-aminoethyl)]-C-lysine-glycine backbone N-acetyl (2-aminoethyl) glycine backbone N-acetyl (2-aminoethyl)glycine backbone N-acetyl (2-aminoethyl)glycine backbone N-acetyl(2-aminoethyl)glycine backbone N-acetyl (2-aminoethyl) glycine backbone LOCATION: 10
OTHER INFORMATION: N-acety
OTHER INFORMATION: backbor
FEATURE: NAME/KEY: Modified-site
LOCATION: 11
OTHER INFORMATION: backbor
FEATURE: NAME/KEY: Modified-site
LOCATION: 12
OCATION: 12
OCATION: 12
OCATION: N-acety
OTHER INFORMATION: N-acety
OTHER INFORMATION: backbor
FEATURE: NAME/KEY: Modified-site LOCATION: 14 OTHER INFORMATION: N-acety OTHER INFORMATION: backbon FEATURE: NAME/KEY: Modified-site LOCATION: 15 NAME/KEY: Modified-site ; OTHER INFORMATION: D. US-09-049-190-6 LOCATION: 13 OTHER INFORMATION: OTHER INFORMATION: FEATURE:

., Length 15, Indels 100.0%; Score 9; DB 3; Le ilarity 100.0%; Pred. No. 1.9e+03; Conservative 0; Mismatches 0; Best Local Similarity Matches 9; Conserv Query Match

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Gaps

1 GAGTATGAG 9 11 GAGTATGAG 3 ð d

RESULT 3

GENERAL INFORMATION:
APPLICANT: Nielsen et al.
TITLE OF INVENTION: Peptide Nucleic Acids Having
TITLE OF INVENTION: Antibacterial Activity
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESSE:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz
STREET: One Liberty Place - 46th Floor US-09-049-190-7/c; Sequence 7, Application US/09049190; Patent No. 6190866 PA T. U.S.A. CITY: F STATE:

& No. 6190866ris LLP

COUNTRY: U.S.A.
ZIP: 19103.
ZIP: 19103.
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/049,190
FILING DATE: CLASSIFICATION: PRIOR APPLICATION DATA: APPLICATION NUMBER:

FILING DATE:
ATTORNEY AGENT INFORMATION:
NAME: JOHN W. CAldwell
REGISTRATION NUMBER: 28,937
REFERENCE/DOCKET NUMBER: ISIS-2560
TELECOMMUNICATION:
TELEPHONE: 215-568-3100:

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                                                                                                                                                                                                                         OTHER INFORMATION: N-[acetyl(2-aminoethyl)]-C-lysine-glycine CTHER INFORMATION: backbone US-09-049-190-7
                                                                                                                                                                                                                                                                                                                                                                                                                                 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME/KEY: Modified-site
LOCATION: 2
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LOCATION: 1 OTHER INFORMATION: N-acetyl (2-aminoethyl)glycine backbone
                                                                                                                                                                                                                                                                                                                                                       Query Match
100.0%; Score 9; DB 3; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US-08-932-140C-6/c

Sequence 6, Application US/08932140C

Patent No. 6300318

GENERAL INFORMATION:

APPLICANT: Nielsen et al.

TITLE OF INVENTION: Peptide Nucleic Acids Having
TITLE OF INVENTION: Antibacterial Activity

NUMBER OF SEQUENCES: 23

CORRESPONDENCE ADDRESS:

ADDRESSEE: No. 6300318ris LlP

STREET: One Liberty Place - 46th Floor

CONTY: Philadelphia
                           LOCATION: 14
OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine
OTHER INFORMATION: backbone
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               COUNTRY: LG.

ZIP: 19103
COMPUTRY: LG.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk
COMPUTER: 1BM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: MICROSOft WORD
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/932,140C
FILING DATE: Septemeber 16, 1997
CLASSIFTCATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 16, 1997
CLASSIFTCATION NUMBER: 28,937
FILING DATE: ATTORNEY/AGENT INFORMATION:
NAME: John W. Caldwell
REGISTRATION NUMBER: 28,937
TELEFAX: 215-568-3100
TELEFAX: 215-568-3109
NAME/KEY: Modified-site
                                                                                                                          FEATURE:
NAME/KEY: Modified-site
LOCATION: 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NAME/KEY: Modified-site
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 GAGTATGAG 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     14 GAGTATGAG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: Phile
STATE: PA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 4
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us-09-540-843-1.rni

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NAME/KEY: Modified-site
LOCATION: 7
COCHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 8
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
FEATURE:
NAME/KEY: Modified-site
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NAME/KEY: Modified-site
LOCATION: 4
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          NAME/KEY: Modified-site
LOCATION: 5
OTHER INFORMATION: Dackbone
OTHER INFORMATION: backbone
INAME/KEY: Modified-site
LOCATION: 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 N-acetyl(2-aminoethyl)glycine backbone
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backbone
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                N-acetyl (2-aminoethyl)glycine
backbone
ADDRESSEE: No. 6300318ris LLP
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
                                                                                           COUNTRY: U.S.A.

ZIP: 19103

COUNTRY: U.S.A.

ZIP: 19103

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk
COMPUTER: BM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Microsoft Word
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/932,140C
FILING DATE: Septemeber 16, 1997
CLASSIFICATION:
PRIOR APPLICATION NUMBER: US/08/932,140C
FILING DATE: Septemeber 16, 1997
CLASSIFICATION NUMBER: SETEMPORATION:
APPLICATION NUMBER: 28,937
REFREENCE/POCKET NUMBER: 1SIS-2560
TELECOMMUNICATION INDORMATION:
TELEPHONE: 215-568-3100
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LOCATION: 1
OTHER INFORMATION: N-acety OTHER INFORMATION: backboileRATION: backboileRATIVRE: NAME/KEY: Modified-site
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LOCATION: 2
OTHER INFORMATION: N-acet.
OTHER INFORMATION: backbo
FEATURE:
NAME/KEY: Modified-site
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OTHER INFORMATION:
OTHER INFORMATION:
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NAME/KEY: Modified-site
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       LOCATION: 8
CTHER INFORMATION: N-acetyl (2-aminoethyl) glycine backbone FRATURE:
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OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
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OTHER INFORMATION: N-acetyl (2-aminoethyl)glycine backbone
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LOCATION: 10
OTHER INFORMATION: N-acetyl (2-aminoethyl)glycine backbone
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           OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
                                                                                                         OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine backbone FRATURE:
                                                                                                                                                                                                    LOCATION: 5
OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine backbone
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         LOCATION: 14
OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine
OTHER INFORMATION: backbone
PEATURE:
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Patent No. 6300318
GENERAL INFORMATION:
TITLE OF INVENTION: Peptide Nucleic Acids Having
TITLE OF INVENTION: Antibacterial Activity
NUMBER OF SEQUENCES:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CTHER INFORMATION: N-[acetyl(2-aminoethyl)]-C-
CTHER INFORMATION: lysine-glycine backbone
US-08-932-140C-6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              FEATURE:
NAME/KEY: Modified-site
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                                      FEATURE: Nodified-site
                                                                                                                                                                                                                                                                                                                                                                                   NAME/KEY: Modified-site LOCATION: 7
                                                                                                                                                                      NAME/KEY: Modified-site
                                                                                                                                                                                                                                                                               NAME/KEY: Modified-site
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US-08-932-140C-7/c
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LOCATION

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Query Match 100.0%; Score 9; DB 1; Length 17; Best Local Similarity 100.0%; Pred. No. 1.9e+03; Matches 9; Conservative 0; Mismatches 0; Indels
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; Sequence 367743
; GREERL INFORMATION:
GREERL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Stinchcomb, James A.
TITLE OF INVENTION: NETHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATMENT OF DISEASES
; TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
; UNMER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
; CADDRESSE: Lyon & Lyon
STREET: Suite 4700
CTRV: CANALOGE
STREET: Suite 4700
CTRV: CANALOGE
STREET: SUITE OF SECUENCES
STREET
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: STORAGE
COMPUTER: IBM Compatible
OCHEVIER: FastSeq Version 1.5
CURRENT APPLICATION DATA:
PRICATION NUMBER: US/08/758,306
FILING DATE: December 3, 1996
CLASSIFICATION 1514
PRICATICATION DATA:
APPLICATION NUMBER:
FILING DATE:
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 212/132
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
                                                                                                                                                                                                                                                                                 12/132
                           CLASSIFICATION: 514
PRIOR APPLICATION NUMBER:
APPLICATION NUMBER:
PLING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: WATDLEY, RICHART J.
REGISTRATION NUMBER: 32,327
REFREENCE/DOCKET NUMBER: 212/:
TELECOMMUNICATION INFORMATION:
TELECHONE: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                     December 3, 1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 367:
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STATE: California
COUNTRY: U.S.A.
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                               OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine OTHER INFORMATION: backbone
                                                                                                                                                                                                                                                                                                                                                             OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine OTHER INFORMATION: backbone
                                                                                                                                                                                          OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine OTHER INFORMATION: backbone
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine OTHER INFORMATION: backbone
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APPLICANT: Stinchcomb, Dan T.
APPLICANT: McSwiggen, James A.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE
TITLE OF INVENTION: TREATHMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LOCATION: 15
OTHER INFORMATION: N-[acetyl(2-aminoethyl)]-C-
OTHER INFORMATION: lysine-glycine backbone
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COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
MEDIUM TYPE: storage
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
OPERATING SYSTEM: IBM P.C. DOS 5.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  US-08-758-306-365/c; Sequence 365, Application US/08758306; Patent No. 5807743; GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
                                                                                                                               NAME/KEY: Modified-site
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STATE: California
COUNTRY: U.S.A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Best_Local Similarity
Matches 9; Conserv
LOCATION: 9
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                                                                                                                                                                  LOCATION:
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RESULT 10
US-09-866-108A-2750
                                    RESULT 9
US-08-758-306-371/c
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TOPOLOGY:
US-08-758-306-371
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                                                                                                                           Score 9; DB 1; Length 17;
Pred. No. 1.9e+03;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0; Indels
                                                                                                                                                                0; Indels
                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Stinchcomb, Dan T.
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR THE TITLE OF INVENTION: TREATMENT OF DISEASES
TITLE OF INVENTION: ASSOCIATED WITH
TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   0; Mismatches
                                                                                                                                                                  0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq Version 1.5
SOFTWARE: FastSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
FLIME DATE: December 3, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CITY: Los Angeles
STATE: California
CCUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                                                                                                                                                                                                                                                                                           US-08-758-306-369/c
; Sequence 369, Application US/08758306
; Patent No. 5807743
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       STREET: 633 West Fifth Street STREET: Suite 4700 CITY: Los Ann.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    REPERROCE TOWNER: 212,
REPERROCE TOWNER: 212,
TELECOMMUNICATION INFORMATION:
TELEPRAK: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 369:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
                                                                                                                             100.0%;
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Best Local Similarity 100...
Loc 9; Conservative
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                          Query Match 100.
Best Local Similarity 100.
Matches 9; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       17 base pairs
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: nucleic acid
STRANDEDNESS: single
                                                                                                                                                                                                    1 GAGTATGAG 9
                                                                                                                                                                                                                                    15 GAGTATGAG 7
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TOPOLOGY:
US-08-758-306-367
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Sequence 371, Application US/08758306
Patent No. 5807743
GENERAL INFORMATION:
APPLICANT: Stinchcomb, Dan T.
APPLICANT: Stinchcomb, Dan T.
TITLE OF INVENTION: METHOD AND REAGENT FOR T TITLE OF INVENTION: TREATMENT OF DISEASES
TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION NUMBER OF SEQUENCES: 1379
CORRESPONDENCE ADDRESS:
                                                                                                                                                                ASSOCIATED WITH
INTERLEUKIN-2 RECEPTOR
GAMMA-CHAIN EXPRESSION
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 2750, Application US/09866108A; Patent No. 6686188; GENERAL INFORMATION:
APPLICANT: GU, Yizhong; APPLICANT: JI, Yongang; APPLICANT: HANZEL, David K.; APPLICANT: RANK, David R.; APPLICANT: CHEN, Wensheng; APPLICANT: CHEN, Mark
                                                                                                                                                                                                                                                                                                                                                                                         COUNTRY: U.S.A.
ZIE: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: PestSeq Version 1.5
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/758,306
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           212/132
                                                                                                                                                                                                                                                                             ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
STREET: Suite 4700
CITY: Los Angeles
STATE: California
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FILING DATE: December 3, 1996
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   32,327
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         REFERENCE/DOCKET NUMBER: 21
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEPAX: (213) 955-0440
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NAME: Warburg, Richard J
REGISTRATION NUMBER: 32,
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INFORMATION FOR SEQ ID NO:
SEQUENCE CHARACTERISTICS:
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Best Local Similarity 100.
Matches 9; Conservative
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STRANDEDNESS: single
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1 GAGTATGAG 9

12 GAGTATGAG

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100.0%;
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APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: RANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
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Best Local Similarity 100.
                                                                                                                                                                                                                                                                                                                                                                                            ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2751
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Best Local Similarity
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US-09-866-108A-2752
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; ORGANISM: Homo &
US-09-866-108A-2752
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APPLICANT:
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
                                                                                                             PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR PLICATION NUMBER: GB 24263.6

PRIOR PLICATION NUMBER: GB 24263.6

PRIOR PLICATION NUMBER: GB 24263.6

PRIOR PLING DATE: 2000-10-04

PRIOR PLING DATE: 2000-09-27

PRIOR PLING DATE: 2000-09-27

PRIOR PLING DATE: 2000-01-01-30

PRIOR PLING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR PLING DATE: 2001-01-30

PRIOR PLING DATE: 2001-01-30
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APPLICANT: GV, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: HANZEL, David K.
APPLICANT: HANZEL, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: CHEN, Wansheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
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1.9e+03;
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PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR PILING DATE: 2000-05-26
PRIOR PILING DATE: 2000-10-04
PRIOR PELICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR PELICATION NUMBER: DCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
                                                                   CURRENT APPLICATION NUMBER: US/09/866,108A CURRENT FILING DATE: 2001-05-25
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CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25
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Pred. No.
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APPLICATION NUMBER: PCT/US01/00664
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FILING DATE: 2001-01-30
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Patent No. 6686188
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100.0%;
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Best Local Similarity
Matches 9; Conserv
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US-09-866-108A-2751
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APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
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PRIOR APPLICATION NUMBER: PCT/USU1/uvee.
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR PILING DATE: 2001-01-30
PRIOR FILING BATE: 2001-01-30
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PRIOR FILING BATE: 2001-01-30
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                                                                                                                100.0%; Score 9; DB 4; Length 17; 100.0%; Pred. No. 1.9e+03;
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PRIOR APPLICATION NUMBER: US/09/866,108A
CURRENT FILING DATE: 2001-05-25

PRIOR FILING DATE: 2000-05-26

PRIOR FILING DATE: 2000-10-04

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR PILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

PRIOR PILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR PILING DATE: 2001-01-30

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Patent No. 6686188
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE FILE REFERENCE: AEOMICA-7

CURRENT APPLICATION WUMBER: US/90/866,108A

CURRENT FILING DATE: 2001-05-25

PRIOR PILING DATE: 2000-05-26

PRIOR PILING DATE: 2000-05-26

PRIOR PILING DATE: 2000-06-26

PRIOR FILING DATE: 2000-06-66

PRIOR FILING DATE: 2000-06-76

PRIOR FILING DATE: 2000-09-10-04

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30
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APPLICANT: 01, Yazhong
APPLICANT: 01, Yonggang
APPLICANT: 01, Yonggang
APPLICANT: HANZEL, David K.
APPLICANT: HANZEL, David K.
APPLICANT: RHANZEL, David R.
APPLICANT: SHANNON, Mark
TILLE OF INVENTION: WOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REPERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108A
CURRENT APPLICATION NUMBER: US 60/207,456
PRIOR APPLICATION NUMBER: US 60/207,456
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100.0%; Pred. No. 1.9e+03
cive 0; Mismatches (
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PRIOR PLING DATE: 2000-05-26
PRIOR PLING DATE: 2000-10-04
PRIOR PLING DATE: 2000-10-04
PRIOR PELING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: DCT/USO1/00666
PRIOR PLING DATE: 2001-01-01
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Patent No. 6686188
SEQ ID NO 2754
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Matches 9; Conservative
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US-09-866-108A-2755
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TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
   Gaps
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SOFTWARE: Aeomica Sequence Listing Engine
PERTEN NO. 6686188
SEQ ID NO 2753
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PRIOR PILING DATE: 2000-05-25
PRIOR PILING DATE: 2000-05-26
PRIOR PILING DATE: 2000-01-04
PRIOR PLING DATE: 2000-01-04
PRIOR PLING DATE: 2000-01-04
PRIOR PLING DATE: 2000-01-07
PRIOR PLING DATE: 2000-01-07
PRIOR PLING DATE: 2001-01-30
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2-09-86-20-86-2753
; Sequence 2753, Application US/0966108A
; Patent No. 6686188
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APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
                                                                                                                                                                                                                                                                                                                                              GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PERN, Sharron G.
APPLICANT: HANZEL, David K.
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Best Local Similarity 100.
Matches 9; Conservative
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   9; Conservative
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; ORGANISM: Homo sapiens
US-09-866-108A-2753
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APPLICANT:
APPLICANT:
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PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

PRIOR PLING DATE: 200
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Search completed: August 1, 2004, 23:41:51 Job time : 33.8293 secs

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Sequence 2750, Ap
Sequence 2751, Ap
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Sequence 15, Appl
Sequence 16, Appl
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                                                                                                                                                  August 1, 2004, 23:28:09; Search time 159.585 Seconds (without alignments) 276.518 Million cell updates/sec
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Published Applications NA:*

| cgn2_6/ptodata/2/pubpna/USO7_PUBCOMB.seq:*
| cgn2_6/ptodata/2/pubpna/USO6_NEW_PUB.seq:*
| cgn2_6/ptodata/2/pubpna/USO6_NEW_PUB.seq:*
| cgn2_6/ptodata/2/pubpna/USO7_NEW_PUB.seq:*
| cgn2_6/ptodata/2/pubpna/USO7_NEW_PUB.seq:*
| cgn2_6/ptodata/2/pubpna/USO8_PUBCOMB.seq:*
| cgn2_6/ptodata/2/pubpna/USO8_PUBCOMB.seq:*
| cgn2_6/ptodata/2/pubpna/USO8_PUBCOMB.seq:*
| cgn2_6/ptodata/2/pubpna/USO8_PUBCOMB.seq:*
| cgn2_6/ptodata/2/pubpna/USO8_PUBCOMB.seq:*
| cgn2_6/ptodata/2/pubpna/USO8_PUBCOMB.seq:*
| cgn2_6/ptodata/2/pubpna/USO9_PUBCOMB.seq:*
| cgn2_6/ptodata/2/pubpna/USO9_NEW_PUB.seq:*
| cgn2_6/ptodata/2/pubpna/USO9_NEW_PUB.seq:*
| cgn2_6/ptodata/2/pubpna/USO9_NEW_PUB.seq:*
| cgn2_6/ptodata/2/pubpna/USO9_NEW_PUB.seq:*
| cgn2_6/ptodata/2/pubpna/USO9_NEW_PUB.seq:*
| cgn2_6/ptodata/2/pubpna/USO0_NEW_PUB.seq:*
| cgn2_6/ptodata/2/2/pubpna/USO0_NEW_PUB.seq:*
| cgn2_6/ptodata/2/pubpna/USO0_NEW_PUB.seq:*
| cgn2_6/ptodata/2/pubpna/USO0_NEW_PUB.seq:*
| cgn2_6/ptodata/2/pubpna/USO0_NEW_PUB.seq:*
| cgn2_6/ptodata/2/pubpna/USO0_NEW_PUB.seq:*
GenCore version 5.1.6
Copyright (c) 1993 - 2004 Compugen Ltd.
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US-10-122-633-1
US-10-150-779A-15
US-09-866-108-2750
US-09-866-108-2751
US-09-866-108-2753
US-09-866-108-2753
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US-09-866-108-2758
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                                                                                                                                                                                                                                                                                                                                                                                                                                                           3222919 seqs, 2451570024 residues
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                                                                                                        nucleic search, using sw model
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                                                                                                                                                                                                                                                                      US-09-540-843-1
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Match ?
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                                                                                                                                                                                                                                                                                                                               Sequence:
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Sequence 506 App Sequence 101, App Sequence 102, App Sequence 102, App Sequence 102, App Sequence 128, App Sequence 128, App Sequence 15, App Sequence 15, App Sequence 32, App Sequence 32, App Sequence 32, App Sequence 33, App Sequence 5679, App Sequence 23, App Sequence 5679, App Sequence 5680, App Sequence 5679, App Sequence 5679, App Sequence 5679, App Sequence 5679, App Sequence 5680, App Sequence 5681, App Sequence 5682, A 2751, Ap 2752, Ap 2753, Ap 2754, Ap 2756, Ap 2756, Ap 2756, Ap 2756, Ap 2758, Ap 11, Appli Seguence 1, Seguence 1 Sequence Sequence Sequence Sequence 7 US-10-723-361-2751 7 US-10-723-361-2752 7 US-10-723-361-2753 7 US-10-723-361-2755 7 US-10-723-361-2755 7 US-10-723-361-2756 7 US-10-723-361-2756 7 US-10-723-361-2758 10S-09-083-895-1 10S-09-083-895-1 10S-09-083-895-1 10S-09-083-895-1 10S-09-102 10S-09-103 100.0 100.0 100.0 100.0 100.0 1000.00 υ

ALIGNMENTS

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Best Local Similarity 100.0%; Pred. No. 5.4e+08;
Matches 9; Conservative 0; Mismatches 0; Indels
                                                                                             APPLICANT: SILLIBET, MARK S.
APPLICANT: Yaar, Mina
APPLICANT: Yaar, Mina
TITLE OF INVENTION: Oligonuclectides
TITLE OF INVENTION: Oligonuclectides
TITLE OF INVENTION: Oligonuclectides
FILE REFERENCE: 0054.1088-018
CURRENT PELLING NOWER: US/10/122,630
CURRENT FILING DATE: 1095-06-06
PRIOR APPLICATION NUMBER: US 09/467,012
PRIOR PILING DATE: 1995-06-06
PRIOR PILING DATE: 1995-06-03
PRIOR FILING DATE: 1996-06-03
PRIOR FILING DATE: 1996-06-03
PRIOR FILING DATE: 1998-03-26
PRIOR FILING DATE: 2000-03-31
PRIOR FILING DATE: 2000-03-31
PRIOR FILING DATE: 2000-03-31
PRIOR FILING DATE: 2001-03-30
SEQ ID NOS: 15
SEQ ID NOS: 15
SEQ ID NOS: 15
LENGTH: 9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ; OTHER INFORMATION: Synthetic DNA Fragment US-10-122-630-1
Sequence 1, Application US/10122630 Publication No. US20030032610A1
                                                                               APPLICANT: Gilchrest, Barbara A.
                   FUDITCATION NO. US20030032610A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ORGANISM: Artificial Sequence
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US-10-150-779A-16/c
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US-10-150-779A-15/c

i Sequence 15, Application US/10150779A

i Sequence 15, Application Wolloso779A

i Bedlication No. US20030125241A1

i GENERAL INFORMATION:

APPLICANT: WISSENBACH, MARGIT

APPLICANT: ROCH, TROELS

I TILE OF INVENTION: THERAPEUTIC USES OF LNA-MODIFIED OLIGONUCLEOTIDES IN

TITLE OF INVENTION: THERAPEUTIC USES OF LNA-MODIFIED OLIGONUCLEOTIDES IN

TITLE OF INVENTION: THERAPEUTIC USES OF LNA-MODIFIED OLIGONUCLEOTIDES IN

TITLE OF INVENTION: THERAPEUTIC USES OF LNA-MODIFIED OLIGONUCLEOTIDES IN

TITLE OF INVENTION: THERAPEUTIC USES OF LNA-MODIFIED OLIGONUCLEOTIDES IN

TITLE OF INVENTION: THERAPEUTIC USES OF LNA-MODIFIED OLIGONUCLEOTIDES IN

TITLE OF INVENTION: THERAPEUTIC USES OF LNA-MODIFIED OLIGONUCLEOTIDES IN

FILE REFERENCE: 55704 (45120)

CURRENT APPLICATION NUMBER: US/10/150,779A

PRIOR APPLICATION NUMBER: 60/291,830

PRIOR PRILING DATE: 2001-05-18

NUMBER OF SEQ ID NOS: 16

SOFTWARE: PALENTIN VET: 2.1

SEQ ID NO 15

THENDITON: THE CONTROL OF THE CONTRO
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ;
0
                                                                                                                                                                                                                                               Sequence 1. Application US/10122633
| Publication No. US20030032611A1
| GENERAL INFORMATION:
| APPLICANT: Gilchrest, Barbara A. |
| APPLICANT: Gilchrest, Barbara A. |
| APPLICANT: Taar, Mina |
| TITLE OF INVENTION: Method to Inhibit Cell Growth Using TITLE OF INVENTION: Method to Inhibit Cell Growth Using FILE REFERENCE: 0054.1088-019 |
| TITLE OF INVENTION: Oligonacleotides |
| FILE REFERENCE: 0054.1088-019 |
| CURRENT APPLICATION NUMBER: US/10/122,633 |
| CURRENT APPLICATION NUMBER: US 09/540,843 |
| PRIOR APPLICATION NUMBER: POT/US01/10162 |
| PRIOR APPLICATION NUMBER: POT/US01/10162 |
| NUMBER OF SEQ ID NOS: 15 |
| SOFTWARE: FastSEQ for Windows Version 4.0 |
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         100.0%; Score 9; DB 15; Length 12; larity 100.0%; Pred. No. 2.5e+04; Conservative 0; Mismatches 0; Indels
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COTHER INFORMATION: Synthetic DNA Fragment US-10-122-633-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              TYPE: DNA
ORGANISM: Artificial Sequence
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 100.
Matches 9, Conservative
                                               1 GAGTATGAG 9
   GAGTATGAG 9
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Best Local Similarity
Matches 9; Conserva
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                                                                                                                                                                                RESULT 2
US-10-122-633-1
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1 GAGTATGAG 9

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Gaps

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Length 17;

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APPLICANT: PENN, Sharron G.
APPLICANT: HANGEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHAMNON, Mark
TITLE OF INVENTION: MOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
                                                                                                                                                                                                                                                                                                                                                                                            100.0%; Score 9; DB 9; L6
100.0%; Pred. No. 2.5e+04;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           FILE KEFERENCE: ACONDAIRS: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-10-04
PRIOR FILING DATE: 2000-10-04
PRIOR PLING DATE: 2000-10-04
PRIOR PPLICATION NUMBER: US 60/236,359
PRIOR PELING DATE: 2000-10-27
PRIOR PELING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 0; Mismatches
       PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Acomica Sequence Listing Engine
SEQ ID NO 2751
LENGTH: 17
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 2752, Application US/09866108
Patent No. US2002048800A1
GENERAL INPORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: CHEN, Wensheng
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Conservative
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; ORGANISM: Homo sapiens
US-09-866-108-2752
                                                                                                                                                                                                                                                                                     ; ORGANISM: Homo sapiens US-09-866-108-2751
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            8 GAGTATGAG 16
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                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
..... 9; Conserve
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US-09-866-108-2752
                                                                                                                                                                                                                                                            TYPE: DNA
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APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REPERENCE: ACCOMACA-
CURRENT APPLICATION NUMBER: US 60/207,456
PRIOR PILING DATE: 2000-05-26
PRIOR PLILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR PLILING DATE: 2000-09-27
PRIOR PLILING DATE: 2001-01-30
PRIOR PLILORING DATE: 2001-01-30
PRIOR PLILORING DATE: 2001-01-30
PRIOR PLILORING DATE: 2001-01-30
PRIOR PRIOR PLILORING DATE: 2001-01-30
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Pred. No. 2.5e+04;
0; Mismatches 0; Indels
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2000-09-21
PRIOR FILING DATE: 2000-09-21
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 2750
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 2751, Application US/09866108
Patent No. US20020048800A1
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Best Local Similarity 100.0%;

Matches 9; Conservative 0;
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APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
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CHEN, Wensheng
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-2750
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APPLICANT:
APPLICANT:
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Sequence 2754, Application US/09866108
Patent No. US20020048800A1
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US-09-866-108-2754
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APPLICANT: GHAN MENSEL, David K.

APPLICANT: GHAN MENSEL, David R.

APPLICANT: GHAN MENSEL DAVIG MERK

PILE REPERBENCE: ABONION MARK

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

CURRENT APPLICATION NUMBER: US 60/207, 456

PRIOR PELING DATE: 2000-05-25

PRIOR APPLICATION NUMBER: US 60/236, 359

PRIOR FILING DATE: 2000-10-40

PRIOR FILING DATE: 2000-10-40

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

PRIOR PELING DATE: 2001-01-30

PRIOR PELING DATE: 2001-01-30

PRIOR FILING DATE: 2001-01-30

PRIOR PELING DATE: 2
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                                                                     Gaps
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      DB 9; Length 17; 2.5e+04;
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                                                                  0; Indels
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100.0%; Score 9; DB 9; Le
Best Local Similarity 100.0%; Pred. No. 2.5e+04;
Matches 9; Conservative 0; Mismatches 0;
In 100.0%; Score 9, DB Similarity 100.0%; Pred. No. 2.5 9; Conservative 0, Mismatches
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NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Acomica Sequence Listing Engine
SEQ ID NO 2753
LENGTH: 17
                                                                                                                                                                                                                                                                                                                                                 Sequence 2753, Application US/09866108
Patent No. US20020048800A1
APPLICANT: GU, Yizhong
APPLICANT: GU, Yizhong
APPLICANT: PLI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
                                                                                                                                                                        ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-2753
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Query Match
Best Local Similarity
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US-09-866-108-2753
                                                                  Matches
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APPLICANT: GU, Yizhong
APPLICANT: GU, Yizhong
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David K.
APPLICANT: RANK, David R.
APPLICANT: RANK, David R.
APPLICANT: RANK, David R.
APPLICANT: SHANKON, Mark
TITLE OF INVENTION: MOARK
FILE REFERENCE: ABOMICA-7
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100.0%; Pred. No. 2.5e+04;
iive 0; Mismatches 0;
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CURRENT FILING DATE:

PRIOR PULICATION NUMBER: US/09/866,108

CURRENT FILING DATE:

PRIOR PLING DATE:

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR PLING DATE:

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR PLING DATE:

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR PLING DATE:

PRIOR APPLICATION NUMBER:

PRIOR PLING DATE:

PRIOR PLING DATE:

PRIOR PLING DATE:

PRIOR APPLICATION NUMBER:

PRIOR APPLICATION NUMBER:

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Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GI, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: RANK, David K.
APPLICANT: RANK, David R.
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Best Local Similarity 100.
Matches 9; Conservative
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APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
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CHEN, Wensheng
SHANNON, Mark
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Best Local Similarity 100.
Matches 9; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA ORGANISM: Homo sapiens
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APPLICANT:
APPLICANT:
APPLICANT:
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APPLICANT: GU'Y Yazhong
APPLICANT: H'Yazhong
APPLICANT: PENN, Sharron G.
APPLICANT: HANNEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: CHEN, Wark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: ABOMICA-7
                           APPLICANT: SHANNON, MARK
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REPERENCE: AEOMICA-7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Gaps
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                                                                                                            CURRENT PELLING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US/09/866,108
CURRENT PILING DATE: 2001-05-25
PRIOR PILING DATE: 2000-05-26
PRIOR PILING DATE: 2000-06-26
PRIOR PILING DATE: 2000-10-04
PRIOR PILING DATE: 2000-10-04
PRIOR PILING DATE: 2000-10-04
PRIOR PILING DATE: 2001-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
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CURRENT FILING DATE: 2001-05-25
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PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 2756, Application US/09866108 Patent No. US20020048800A1
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CHEN, Wensheng
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-2755
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Best Local Similarity
Matches 9; Conserv
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US-09-866-108-2756
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TILLE OF INVENTION: MAGENER TILLE GENE EXPRESSED IN HUMAN HEART AND MUSCLE FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US 60/207,456
CURRENT FLING DATE: 2001-05-25
PRIOR PELICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR FILING DATE: 2000-05-26
PRIOR PELICATION NUMBER: US 60/23.6
PRIOR FILING DATE: 2000-05-27
PRIOR PELICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-03-27
PRIOR FILING DATE: 2001-03-30
PRIOR PELICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR PELICATION NUMBER: PCT/US01/00667
PRIOR PELICATION NUMBER: PCT/US01/00669
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100.0%; Pred. No. 2.5e+04;
iive 0; Mismatches 0;
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR PILING DATE: 2001-01-30
PRIOR PLING DATE: 2001-02-05
NUMBER: APPLICATION NUMBER: US 60/266,860
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR PILING DATE: 2001-02-05
NUMBER: OF ERQ ID NOS: 15752
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Patent No. US20020048800A1
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APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: CHEN, Wensheng
APPLICANT: SHANON, Mark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
FILE REFERENCE: PB0105
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CURRENT APPLICATION NUMBER: US/10/723,361

CURRENT FILING DATE: 2003-11-26

FRIOR PELICATION NUMBER: US 60/207,456

PRIOR PELING DATE: 2001-05-25

PRIOR PELING DATE: 2000-05-26

PRIOR PELING DATE: 2000-05-26

PRIOR PELING DATE: 2000-10-04

PRIOR PELING DATE: 2000-10-04

PRIOR PELING DATE: 2000-10-30

PRIOR PELING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR PELING DATE: 2001-01-30

PRIOR PELING DATE: 2001-01-30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 17;
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red. No. 2.5e+04;
Mismatches 0;
PRIOR APPLICATION NUMBER: PCT/USO1/00670;
PRIOR FILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-01-31
PRIOR FILING DATE: 2000-09-21
PRIOR FILING DATE: 2001-09-21
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SEQ ID NO 2758
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 2750, Application US/10723361 Publication No. US20040137589A1 GENERAL INFORMATION:
APPLICANT: GU, Yizhong
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PENN, Sharron G.
HANZEL, David K.
RANK, David R.
CHEN, Wensheng
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              9; Conservative
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; ORGANISM: Homo sapiens
US-09-866-108-2758
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; ORGANISM: Homo sapiens
US-10-723-361-2750
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Best Local Similarity
Matches 9; Conserv
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Best Local Similarity
Matches 9; Conserv
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US-10-723-361-2750
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APPLICANT: CHEN, Wensheng
APPLICANT: CHEN, Wensheng
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON: Mark
TITLE OF INVENTION: MASN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: ABOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT PILING DATE: 2001-05-25
PRIOR PILING DATE: 2000-05-26
PRIOR PILING DATE: 2000-06-26
PRIOR PILING DATE: 2000-09-27
PRIOR PILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/0066
PRIOR PILING DATE: 2001-01-30
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                             PRIOR FILING DATE: 2001-01-30
PRIOR FILING DATE: 2001-01-30
PRIOR PILING DATE: 2001-02-05
PRIOR PILING DATE: 2001-03
PRI
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    APPLICATION NUMBER: PCT/US01/00665
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Patent No. US20020048800A1
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PENN, Sharron G.
HANZEL, David K.
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Best Local Similarity 100.
Matches 9; Conservative
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CORGANISM: Homo sapiens
US-09-866-108-2757
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APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggar
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US-10-723-3612-2751, Application US/10723361

Sequence 2751, Application US/10723361

Publication No. US20040137589A1

GENERAL INFORMATION:

APPLICANT: GU, VIZAONG

APPLICANT: GU, VIZAONG

APPLICANT: HANZE: David K.

APPLICANT: HANZE: David K.

APPLICANT: HANZE: David K.

APPLICANT: CHEN, WESSENDE: PROJOSINANTLY IN HERRT AN FILTE OF INVENTION'S WESSENDED OF CURRENT APPLICANTION WHERE WESSENDE PREDOMINANTLY IN HERRT AN FILTE OF INVENTION'S WESSENDE WESSENDE: PROJOSINANTLY CHEN, WESSENDE: PROJOSINANTLY IN HERRT AN FILTE OF INVENTION'S WESSENDE: PROJOSINANTLY CHEN, WESSENDE: 2003-11-26

APPLICANT: SHANGON, MARE: US/10/723,361

CURRENT PAPLICATION WHERE: US/00/723,361

CURRENT PARICANTON WHERE: US 60/207,456

PRIOR FILING DATE: 2001-05-25

PRIOR FILING DATE: 2000-05-26

PRIOR FILING DATE: 2001-05-26

PRIOR FILING DATE: 2001-05-26

PRIOR PLICATION WHERE: PCT/US01/0666

PRIOR PLICATION WHERE: PCT/US01/0666

PRIOR PLICATION WHERE: PCT/US01/0666

PRIOR APPLICATION WHERE: PCT/US01/0666

PRIOR PLICATION WHERE: PCT/
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Best Local Similarity 100.
Matches 9; Conservative
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CORGANISM: Homo sapiens
US-10-723-361-2751
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Search completed: August 2, 2004, 02:14:38 Job time : 160.585 secs

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